

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012224\
 Data File : VD078195.D
 Acq On : 22 Jan 2024 15:46
 Operator : RP/MD
 Sample : VSTDIC020
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 23 05:29:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 23 05:12:01 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.881	168	137440	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	245531	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	222117	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	102384	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	28279	18.023	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	36.040%#
35) Dibromofluoromethane	7.804	113	30607	18.941	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	37.880%#
50) Toluene-d8	10.269	98	119822	18.727	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	37.460%#
62) 4-Bromofluorobenzene	12.575	95	33433	18.018	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	36.040%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.940	85	34512	22.946	ug/l	98
3) Chloromethane	2.152	50	55303	22.309	ug/l	98
4) Vinyl Chloride	2.293	62	69013	21.175	ug/l	98
5) Bromomethane	2.693	94	50053	21.044	ug/l	100
6) Chloroethane	2.846	64	45968	20.192	ug/l	100
7) Trichlorofluoromethane	3.181	101	60172	20.298	ug/l	99
8) Diethyl Ether	3.593	74	15936	19.392	ug/l	83
9) 1,1,2-Trichlorotrifluo...	3.975	101	35168	20.482	ug/l	94
10) Methyl Iodide	4.169	142	30737	17.859	ug/l	# 90
11) Tert butyl alcohol	5.058	59	7215	93.406	ug/l	# 89
12) 1,1-Dichloroethene	3.952	96	35616	20.940	ug/l	91
13) Acrolein	3.805	56	14466	81.580	ug/l	98
14) Allyl chloride	4.575	41	43928	19.580	ug/l	89
15) Acrylonitrile	5.246	53	33506	90.860	ug/l	99
16) Acetone	4.022	43	49626	114.520	ug/l	# 86
17) Carbon Disulfide	4.275	76	113767	20.628	ug/l	97
18) Methyl Acetate	4.563	43	23313	17.270	ug/l	# 88
19) Methyl tert-butyl Ether	5.328	73	63748	17.973	ug/l	95
20) Methylene Chloride	4.810	84	43575	20.275	ug/l	86
21) trans-1,2-Dichloroethene	5.322	96	39723	20.211	ug/l	# 91
22) Diisopropyl ether	6.216	45	93304	19.654	ug/l	94
23) Vinyl Acetate	6.163	43	222516	95.134	ug/l	# 90
24) 1,1-Dichloroethane	6.122	63	65372	19.928	ug/l	96
25) 2-Butanone	7.081	43	53978	103.146	ug/l	# 83
26) 2,2-Dichloropropane	7.081	77	53343	19.412	ug/l	97
27) cis-1,2-Dichloroethene	7.081	96	42205	19.991	ug/l	92
28) Bromochloromethane	7.428	49	24754	19.348	ug/l	# 72
29) Tetrahydrofuran	7.446	42	23486	90.733	ug/l	# 86
30) Chloroform	7.604	83	65984	19.779	ug/l	98
31) Cyclohexane	7.887	56	57272	19.742	ug/l	85
32) 1,1,1-Trichloroethane	7.799	97	57361	19.904	ug/l	99
36) 1,1-Dichloropropene	8.010	75	50733	19.092	ug/l	96
37) Ethyl Acetate	7.175	43	17813	18.006	ug/l	# 94
38) Carbon Tetrachloride	7.993	117	52177	19.881	ug/l	96
39) Methylcyclohexane	9.275	83	60958	19.397	ug/l	95
40) Benzene	8.251	78	149106	19.773	ug/l	100

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.410	41	9744	18.305	ug/l #	86
42) 1,2-Dichloroethane	8.328	62	36714	18.712	ug/l	98
43) Isopropyl Acetate	8.363	43	33010	18.214	ug/l #	94
44) Trichloroethene	9.034	130	38682	20.051	ug/l	93
45) 1,2-Dichloropropane	9.304	63	36318	19.409	ug/l	100
46) Dibromomethane	9.398	93	19647	19.119	ug/l #	87
47) Bromodichloromethane	9.587	83	47734	18.492	ug/l	96
48) Methyl methacrylate	9.381	41	18796	17.913	ug/l #	79
49) 1,4-Dioxane	9.381	88	3667	368.791	ug/l #	91
51) 4-Methyl-2-Pentanone	10.157	43	84271	88.485	ug/l	88
52) Toluene	10.334	92	92859	19.427	ug/l	96
53) t-1,3-Dichloropropene	10.551	75	44107	18.521	ug/l	95
54) cis-1,3-Dichloropropene	10.016	75	54609	19.128	ug/l #	85
55) 1,1,2-Trichloroethane	10.734	97	25788	18.754	ug/l #	88
56) Ethyl methacrylate	10.598	69	20306	18.040	ug/l #	83
57) 1,3-Dichloropropane	10.881	76	44402	18.882	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	61295	90.869	ug/l	94
59) 2-Hexanone	10.922	43	75586	97.666	ug/l	85
60) Dibromochloromethane	11.075	129	30898	19.059	ug/l	99
61) 1,2-Dibromoethane	11.181	107	23517	18.554	ug/l	99
64) Tetrachloroethene	10.810	164	28847	19.863	ug/l	97
65) Chlorobenzene	11.610	112	96745	19.717	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	33566	19.143	ug/l	96
67) Ethyl Benzene	11.687	91	173840	19.469	ug/l	93
68) m/p-Xylenes	11.792	106	132145	38.750	ug/l	90
69) o-Xylene	12.122	106	59590	19.254	ug/l	88
70) Styrene	12.134	104	90880	19.596	ug/l	95
71) Bromoform	12.298	173	15601	17.966	ug/l #	98
73) Isopropylbenzene	12.422	105	158151	19.646	ug/l	97
74) N-amyl acetate	12.234	43	27797	18.048	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.675	83	28152	18.794	ug/l	97
76) 1,2,3-Trichloropropane	12.722	75	33916	35.844	ug/l #	100
77) Bromobenzene	12.698	156	34279	19.422	ug/l	83
78) n-propylbenzene	12.763	91	197300	19.761	ug/l	94
79) 2-Chlorotoluene	12.851	91	104079	19.534	ug/l	93
80) 1,3,5-Trimethylbenzene	12.904	105	133262	19.964	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.469	75	8295	18.195	ug/l	93
82) 4-Chlorotoluene	12.945	91	110308	19.640	ug/l	94
83) tert-Butylbenzene	13.169	119	108276	19.404	ug/l	92
84) 1,2,4-Trimethylbenzene	13.210	105	132081	19.565	ug/l	96
85) sec-Butylbenzene	13.345	105	164860	19.512	ug/l	95
86) p-Isopropyltoluene	13.463	119	141860	19.294	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	68545	18.757	ug/l	95
88) 1,4-Dichlorobenzene	13.539	146	72498	20.081	ug/l	98
89) n-Butylbenzene	13.786	91	138236	19.313	ug/l	96
90) Hexachloroethane	14.057	117	28223	19.568	ug/l	84
91) 1,2-Dichlorobenzene	13.834	146	58741	19.116	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.445	75	3783	17.672	ug/l	94
93) 1,2,4-Trichlorobenzene	15.098	180	36382	19.154	ug/l	95
94) Hexachlorobutadiene	15.204	225	18411	20.058	ug/l	97
95) Naphthalene	15.333	128	63493	17.878	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	29567	18.553	ug/l	95

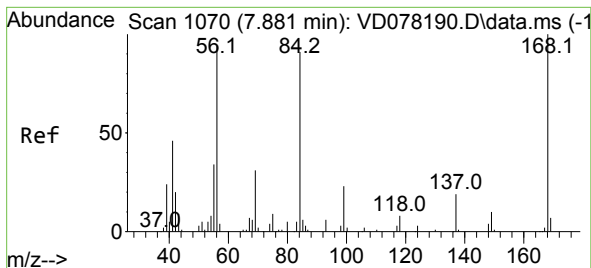
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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.881 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD078195.D

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Instrument :

MSVOA_D

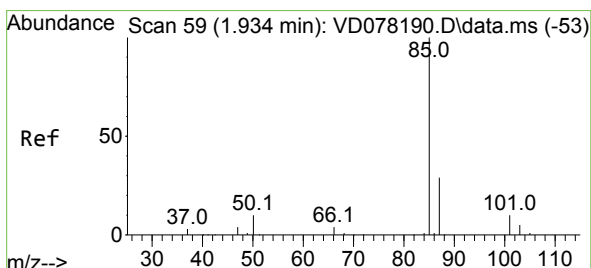
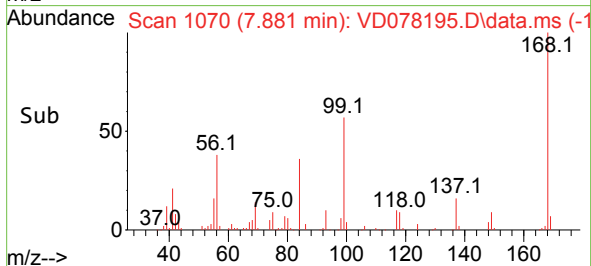
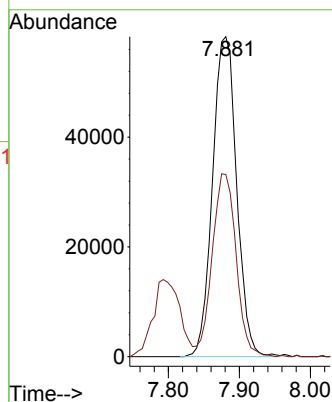
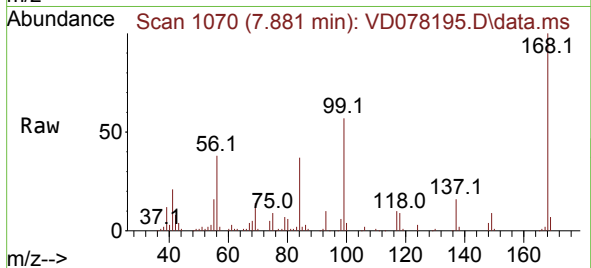
ClientSampleId :

Tgt Ion:168 Resp: 137440

Ion Ratio Lower Upper

168 100

99 56.6 36.7 55.1#



#2

Dichlorodifluoromethane

Concen: 22.946 ug/l

RT: 1.940 min Scan# 60

Delta R.T. 0.006 min

Lab File: VD078195.D

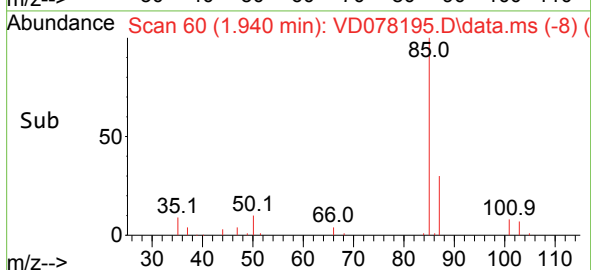
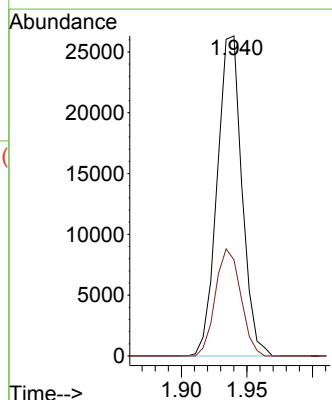
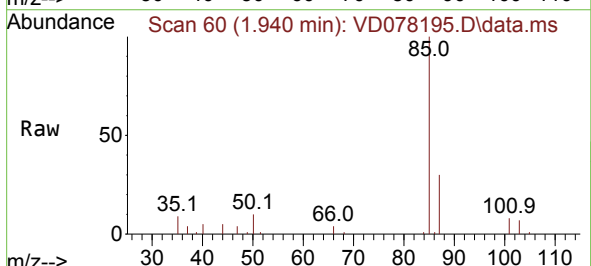
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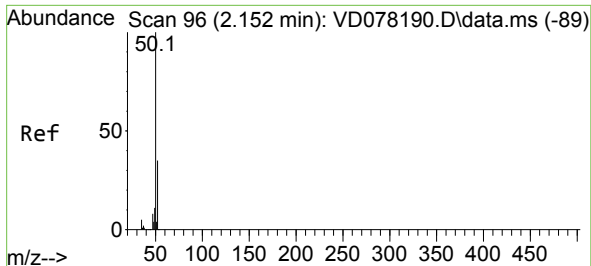
Tgt Ion: 85 Resp: 34512

Ion Ratio Lower Upper

85 100

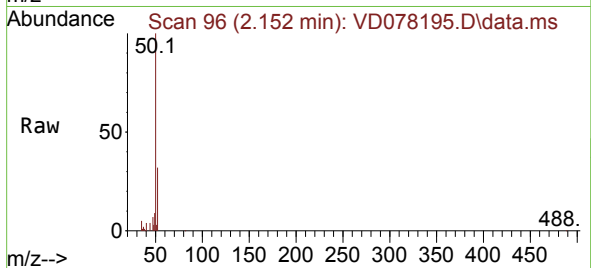
87 30.0 15.7 47.0



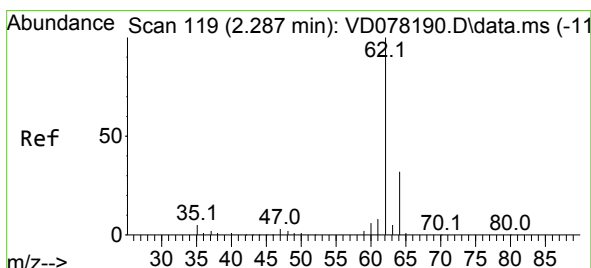
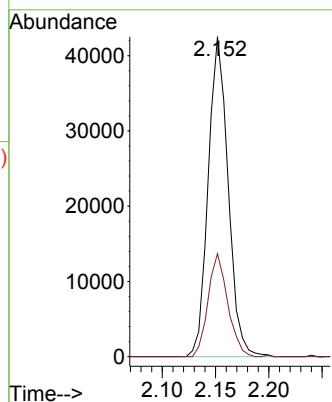
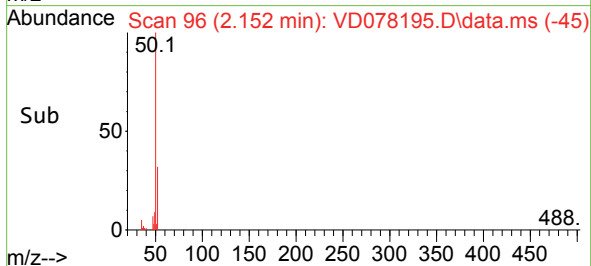


#3
Chloromethane
Concen: 22.309 ug/l
RT: 2.152 min Scan# 90
Delta R.T. -0.000 min
Lab File: VD078195.D
Acq: 22 Jan 2024 15:46

Instrument :
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ClientSampleId :

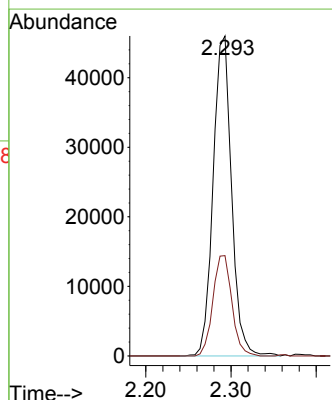
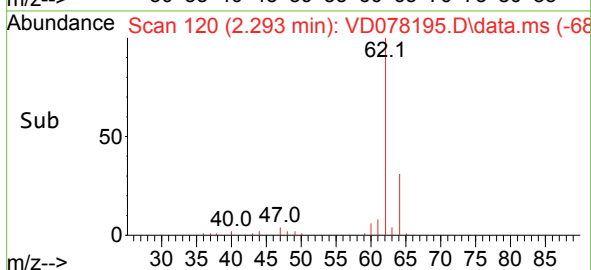
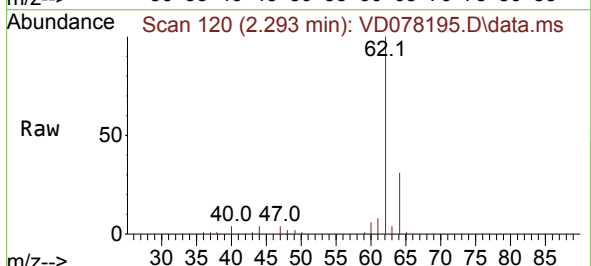


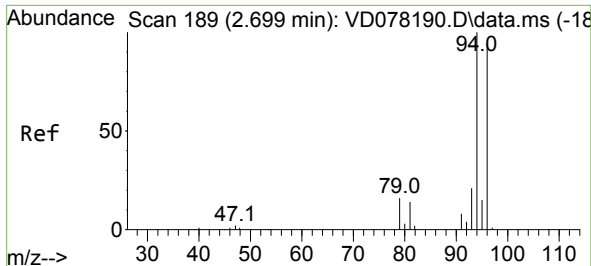
Tgt Ion: 50 Resp: 55303
Ion Ratio Lower Upper
50 100
52 32.2 26.6 40.0



#4
Vinyl Chloride
Concen: 21.175 ug/l
RT: 2.293 min Scan# 120
Delta R.T. 0.006 min
Lab File: VD078195.D
Acq: 22 Jan 2024 15:46

Tgt Ion: 62 Resp: 69013
Ion Ratio Lower Upper
62 100
64 31.4 26.0 39.0

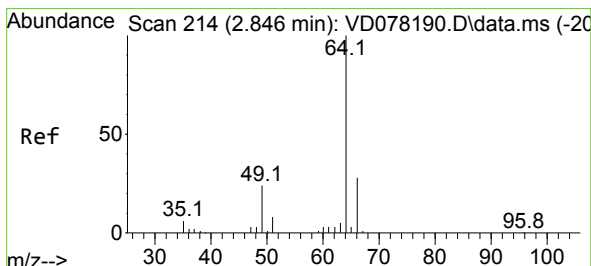
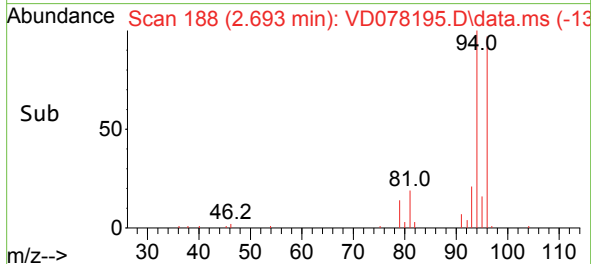
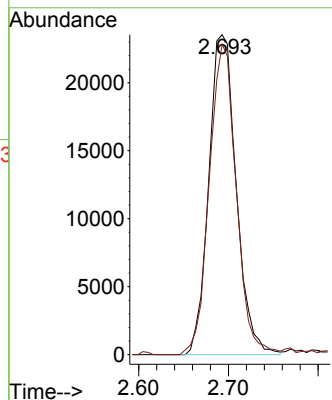
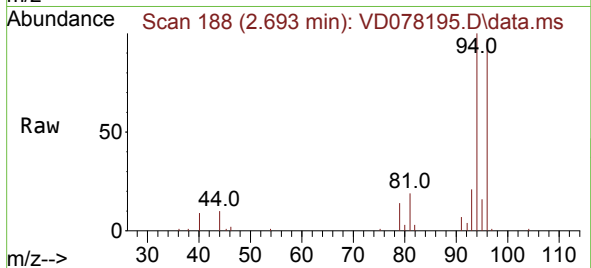




#5
Bromomethane
Concen: 21.044 ug/l
RT: 2.693 min Scan# 189
Delta R.T. -0.006 min
Lab File: VD078195.D
Acq: 22 Jan 2024 15:46

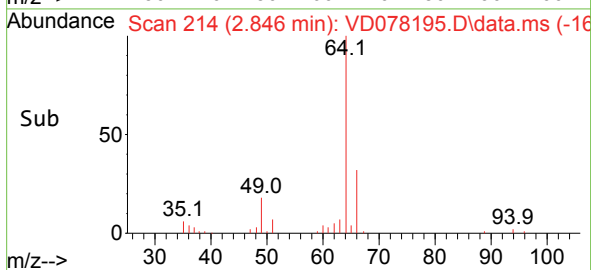
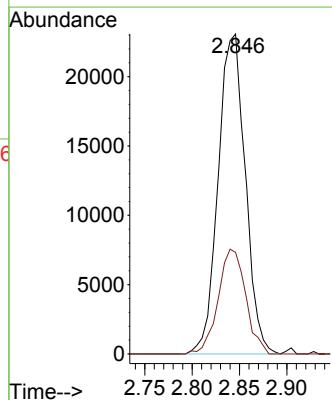
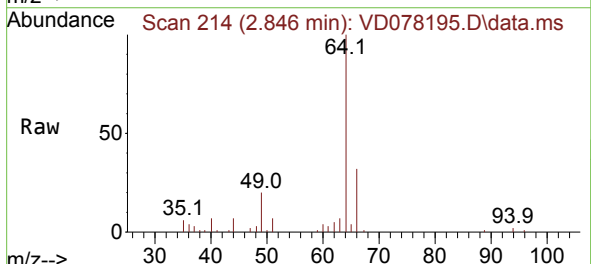
Instrument :
MSVOA_D
ClientSampleId :

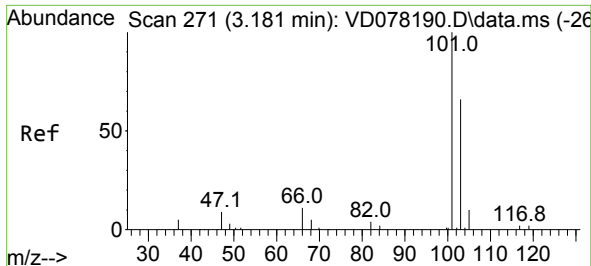
Tgt Ion: 94 Resp: 50053
Ion Ratio Lower Upper
94 100
96 95.0 75.8 113.8



#6
Chloroethane
Concen: 20.192 ug/l
RT: 2.846 min Scan# 214
Delta R.T. -0.000 min
Lab File: VD078195.D
Acq: 22 Jan 2024 15:46

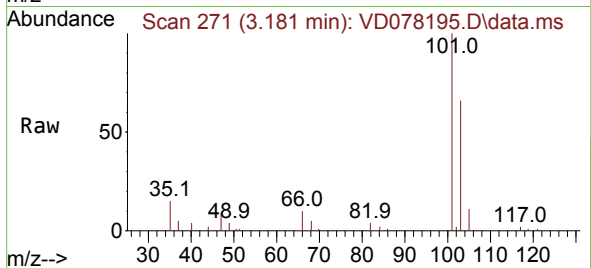
Tgt Ion: 64 Resp: 45968
Ion Ratio Lower Upper
64 100
66 31.7 25.5 38.3



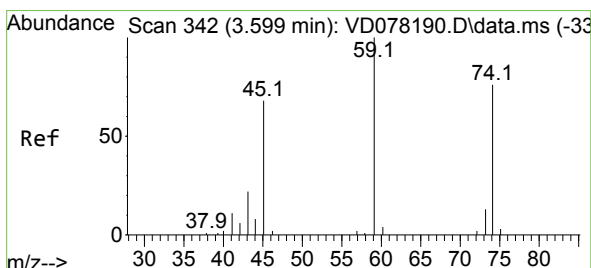
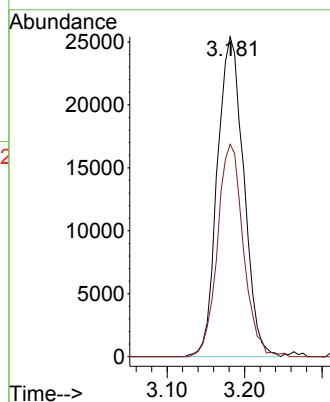
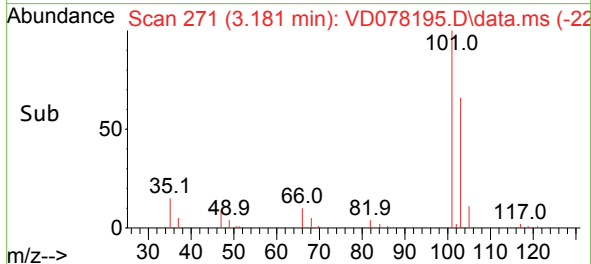


#7
 Trichlorofluoromethane
 Concen: 20.298 ug/l
 RT: 3.181 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VD078195.D
 Acq: 22 Jan 2024 15:46

Instrument :
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 ClientSampleId :

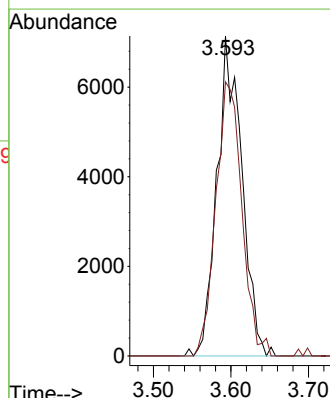
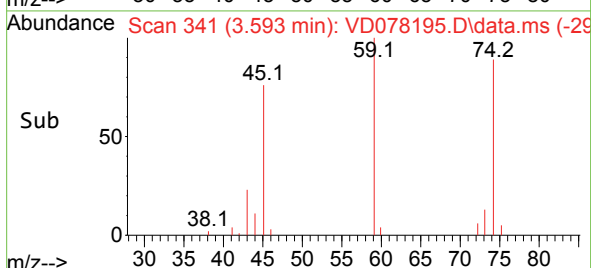
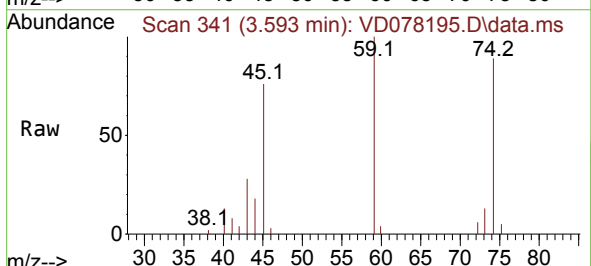


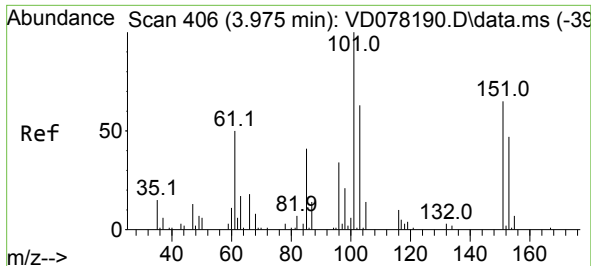
Tgt Ion:101 Resp: 60172
 Ion Ratio Lower Upper
 101 100
 103 66.4 52.3 78.5



#8
 Diethyl Ether
 Concen: 19.392 ug/l
 RT: 3.593 min Scan# 341
 Delta R.T. -0.006 min
 Lab File: VD078195.D
 Acq: 22 Jan 2024 15:46

Tgt Ion: 74 Resp: 15936
 Ion Ratio Lower Upper
 74 100
 45 89.7 37.5 112.7

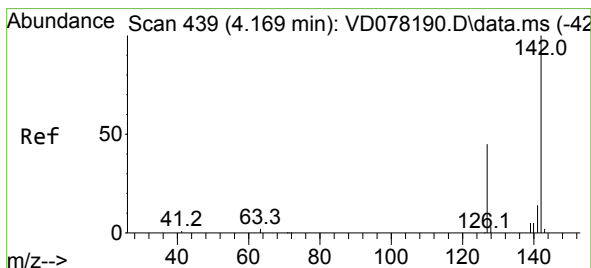
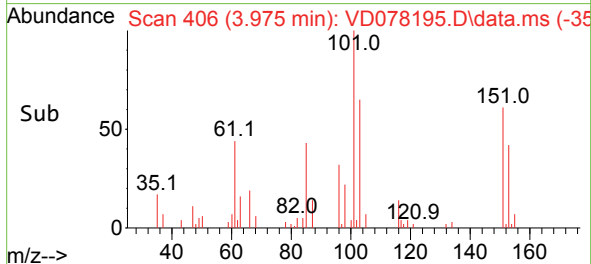
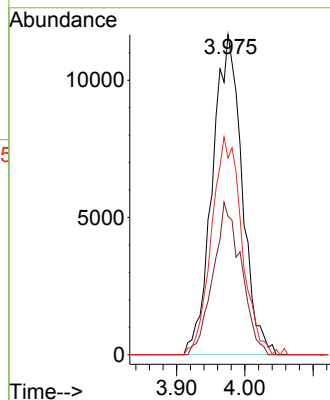
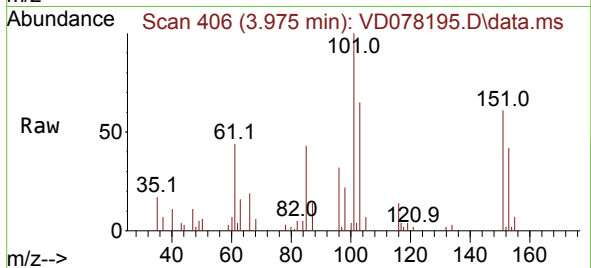




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.482 ug/l
RT: 3.975 min Scan# 406
Delta R.T. -0.000 min
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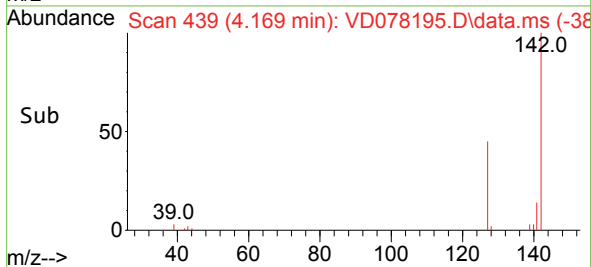
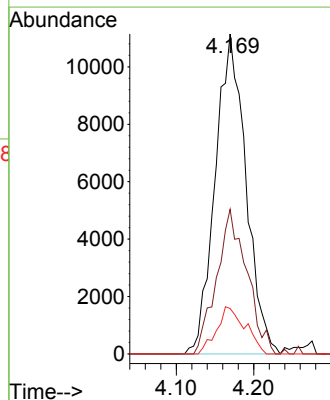
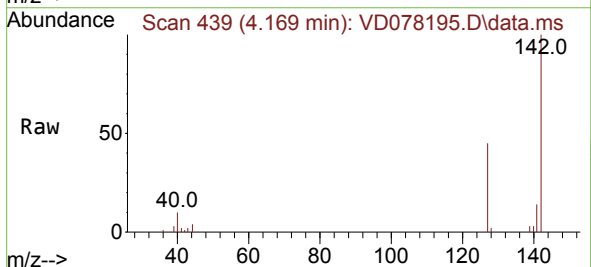
Instrument :
MSVOA_D
ClientSampleId :

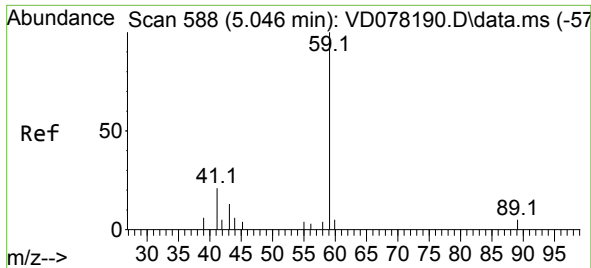
Tgt Ion:101 Resp: 35168
Ion Ratio Lower Upper
101 100
85 45.3 33.8 50.6
151 69.7 59.8 89.6



#10
Methyl Iodide
Concen: 17.859 ug/l
RT: 4.169 min Scan# 439
Delta R.T. -0.000 min
Lab File: VD078195.D
Acq: 22 Jan 2024 15:46

Tgt Ion:142 Resp: 30737
Ion Ratio Lower Upper
142 100
127 44.4 29.4 44.0#
141 13.7 11.1 16.7

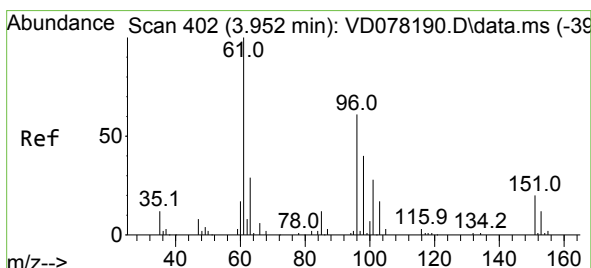
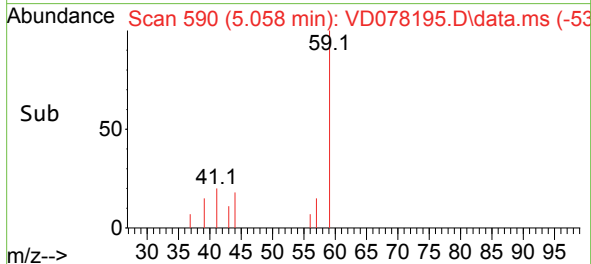
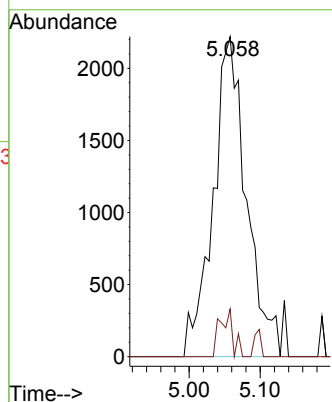
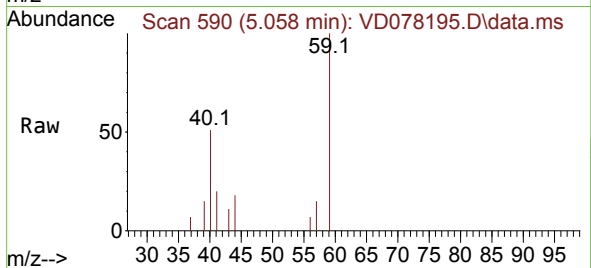




#11
Tert butyl alcohol
Concen: 93.406 ug/l
RT: 5.058 min Scan# 591
Delta R.T. 0.012 min
Lab File: VD078195.D
Acq: 22 Jan 2024 15:46

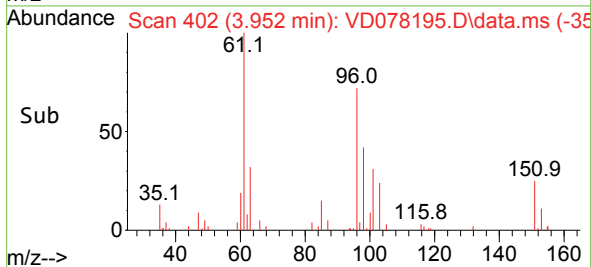
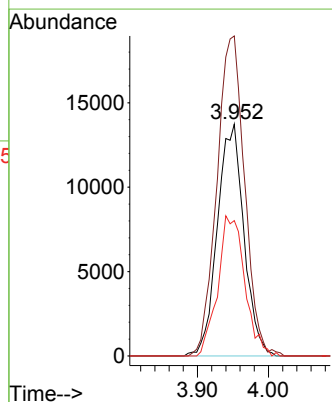
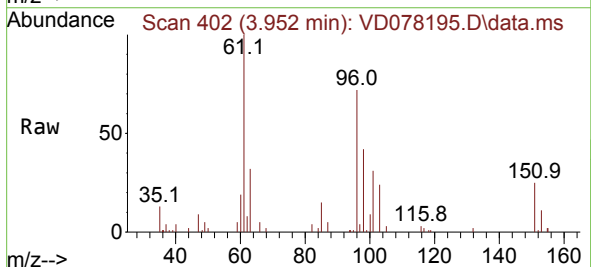
Instrument :
MSVOA_D
ClientSampleId :

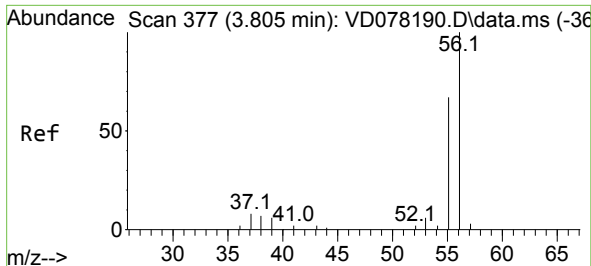
Tgt Ion: 59 Resp: 7215
Ion Ratio Lower Upper
59 100
57 5.8 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 20.940 ug/l
RT: 3.952 min Scan# 402
Delta R.T. -0.000 min
Lab File: VD078195.D
Acq: 22 Jan 2024 15:46

Tgt Ion: 96 Resp: 35616
Ion Ratio Lower Upper
96 100
61 138.1 100.6 150.8
98 58.4 50.2 75.2





#13

Acrolein

Concen: 81.580 ug/l

RT: 3.805 min Scan# 31

Delta R.T. -0.000 min

Lab File: VD078195.D

Acq: 22 Jan 2024 15:46

Instrument :

MSVOA_D

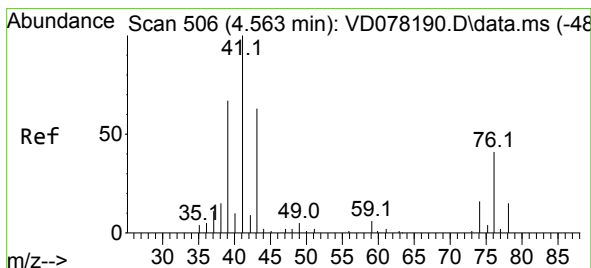
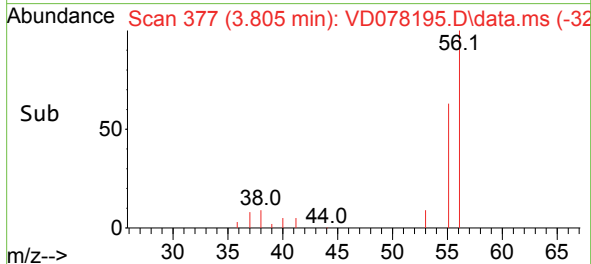
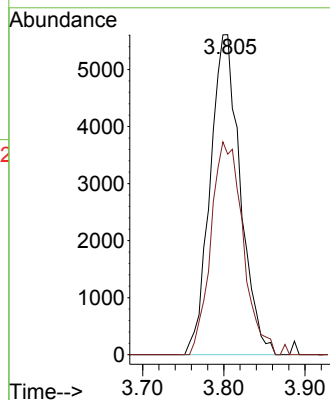
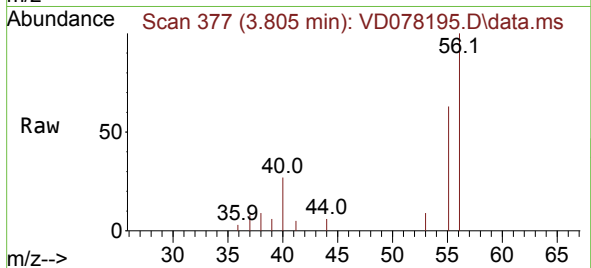
ClientSampleId :

Tgt Ion: 56 Resp: 14466

Ion Ratio Lower Upper

56 100

55 70.8 55.1 82.7



#14

Allyl chloride

Concen: 19.580 ug/l

RT: 4.575 min Scan# 508

Delta R.T. 0.012 min

Lab File: VD078195.D

Acq: 22 Jan 2024 15:46

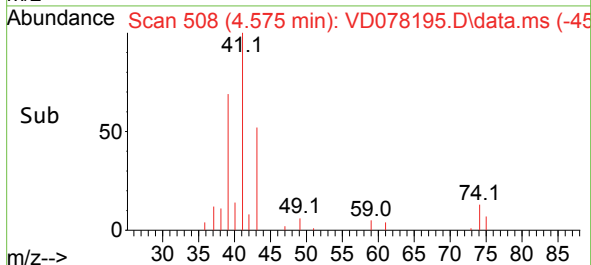
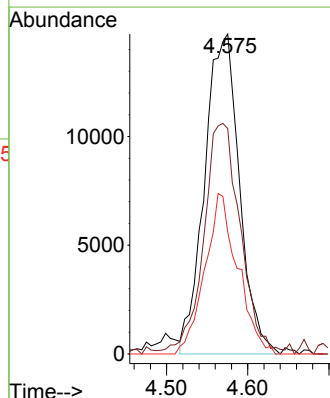
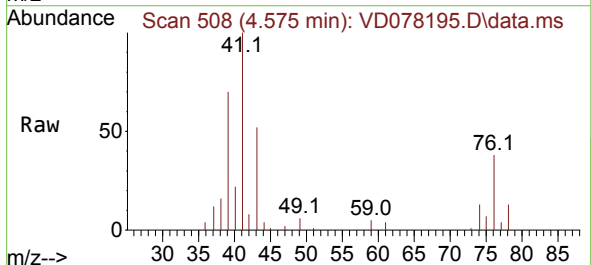
Tgt Ion: 41 Resp: 43928

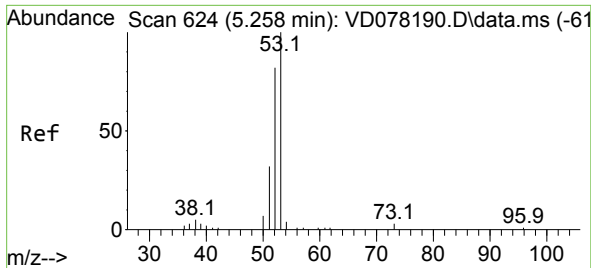
Ion Ratio Lower Upper

41 100

39 73.8 53.8 80.6

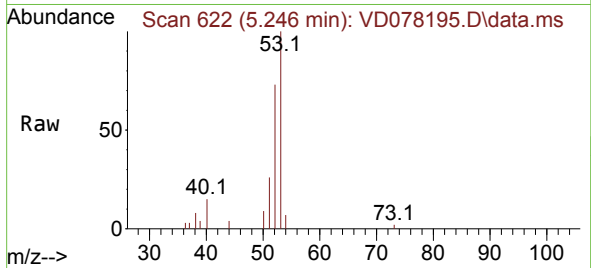
76 47.2 45.8 68.8



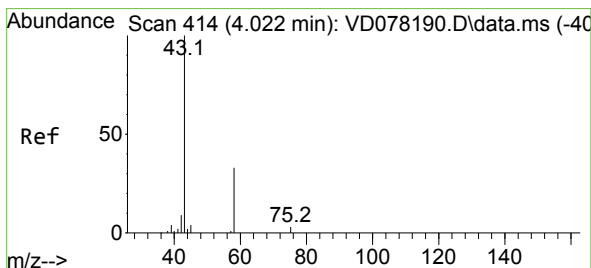
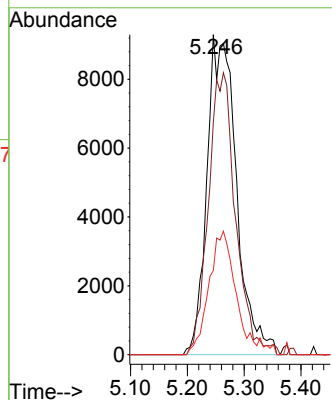


#15
Acrylonitrile
Concen: 90.860 ug/l
RT: 5.246 min Scan# 61
Delta R.T. -0.012 min
Lab File: VD078195.D
Acq: 22 Jan 2024 15:46

Instrument :
MSVOA_D
ClientSampleId :

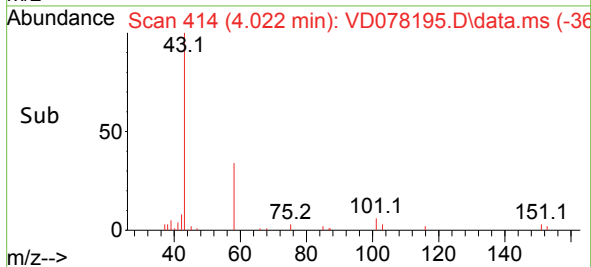
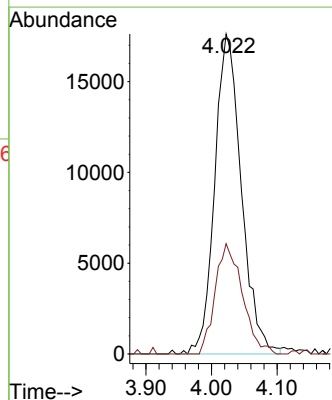
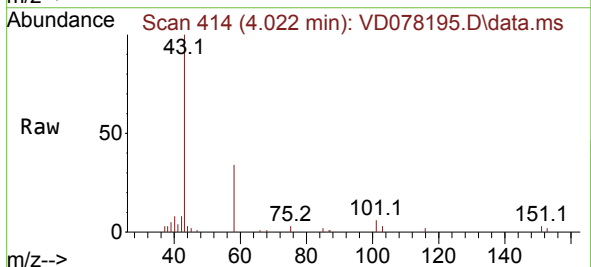


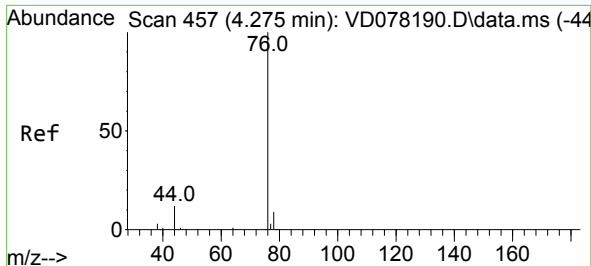
Tgt Ion: 53	Resp: 33506
Ion Ratio	Lower Upper
53	100
52	81.3 65.0 97.4
51	34.6 28.3 42.5



#16
Acetone
Concen: 114.520 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD078195.D
Acq: 22 Jan 2024 15:46

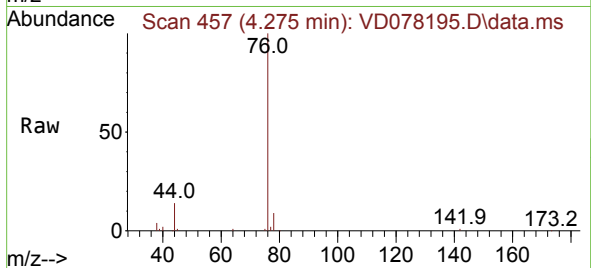
Tgt Ion: 43	Resp: 49626
Ion Ratio	Lower Upper
43	100
58	34.4 34.7 52.1#



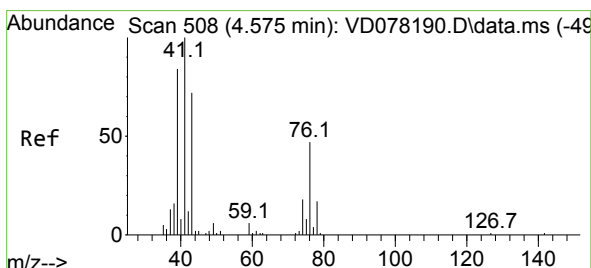
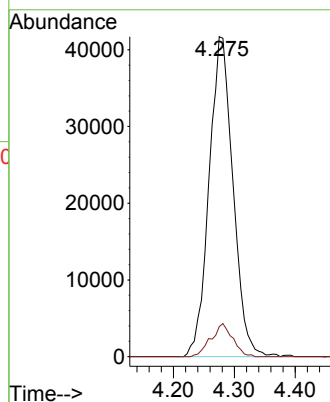
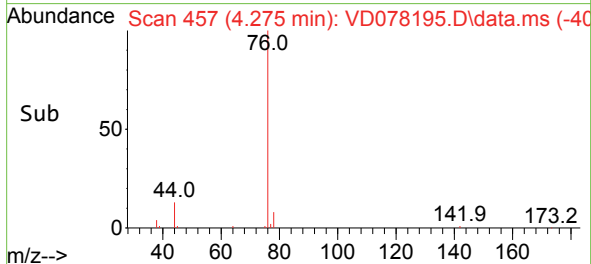


#17
Carbon Disulfide
Concen: 20.628 ug/l
RT: 4.275 min Scan# 411
Delta R.T. -0.000 min
Lab File: VD078195.D
Acq: 22 Jan 2024 15:46

Instrument :
MSVOA_D
ClientSampleId :

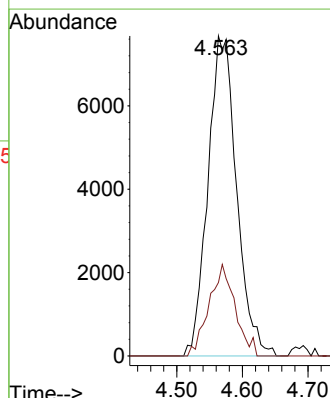
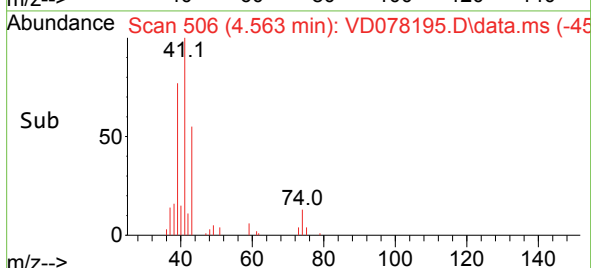
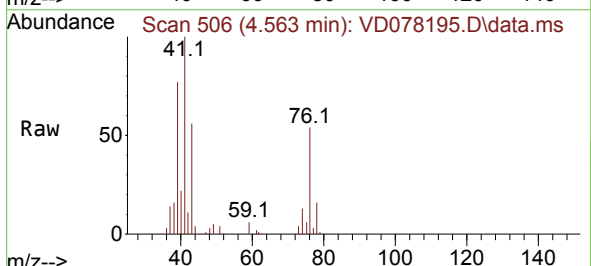


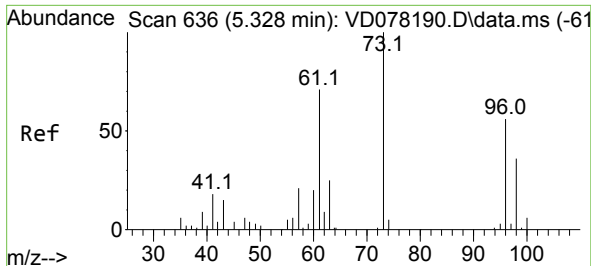
Tgt Ion: 76 Resp: 113767
Ion Ratio Lower Upper
76 100
78 9.4 6.8 10.2



#18
Methyl Acetate
Concen: 17.270 ug/l
RT: 4.563 min Scan# 506
Delta R.T. -0.012 min
Lab File: VD078195.D
Acq: 22 Jan 2024 15:46

Tgt Ion: 43 Resp: 23313
Ion Ratio Lower Upper
43 100
74 26.0 26.4 39.6#





#19

Methyl tert-butyl Ether

Concen: 17.973 ug/l

RT: 5.328 min Scan# 61

Delta R.T. -0.000 min

Lab File: VD078195.D

Acq: 22 Jan 2024 15:46

Instrument :

MSVOA_D

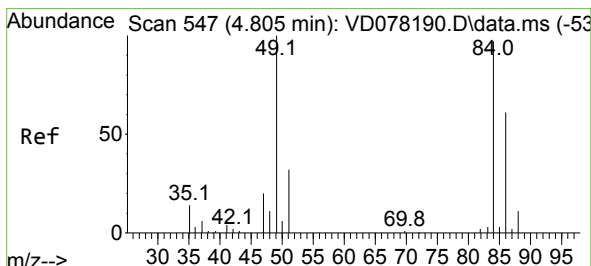
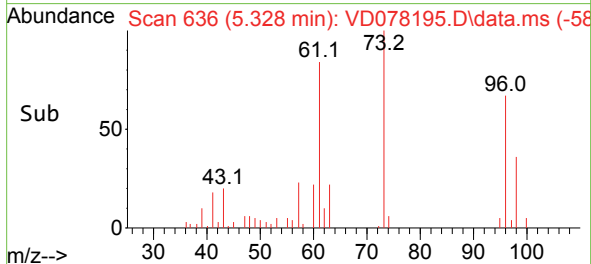
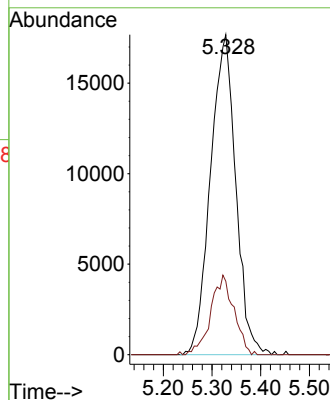
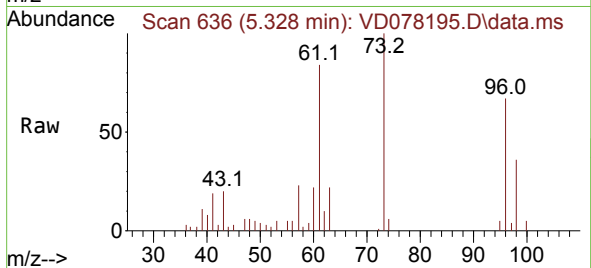
ClientSampleId :

Tgt Ion: 73 Resp: 63748

Ion Ratio Lower Upper

73 100

57 22.9 16.6 25.0



#20

Methylene Chloride

Concen: 20.275 ug/l

RT: 4.810 min Scan# 548

Delta R.T. 0.005 min

Lab File: VD078195.D

Acq: 22 Jan 2024 15:46

Tgt Ion: 84 Resp: 43575

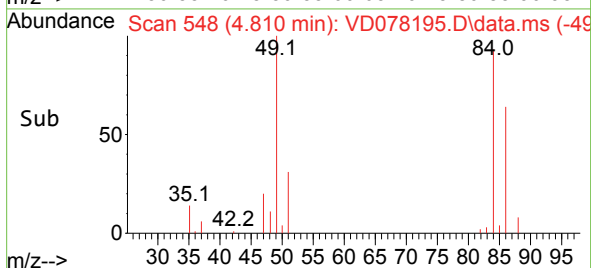
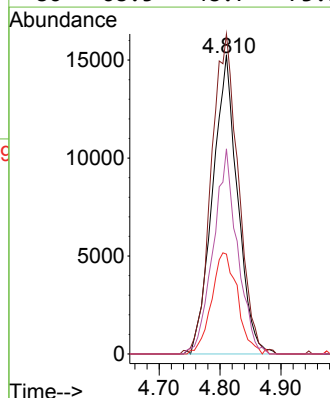
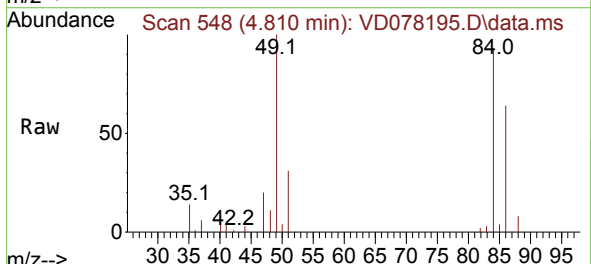
Ion Ratio Lower Upper

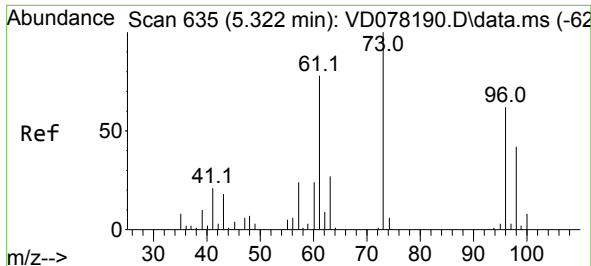
84 100

49 107.0 71.4 107.2

51 33.3 24.5 36.7

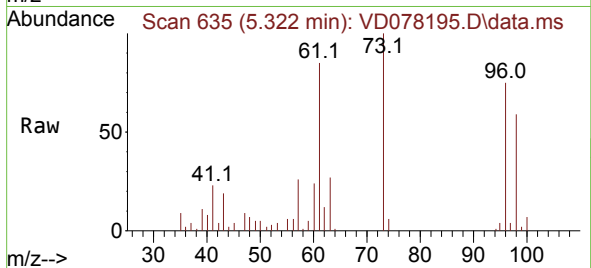
86 68.5 48.7 73.1



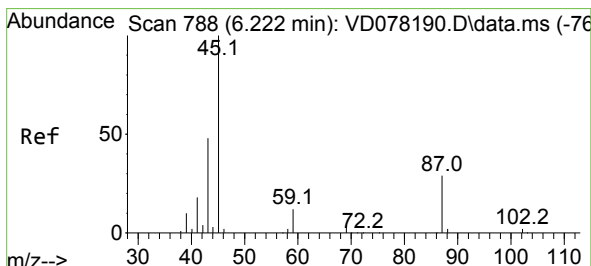
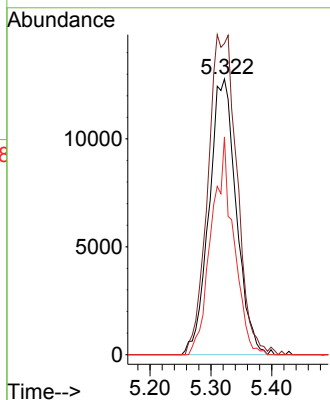
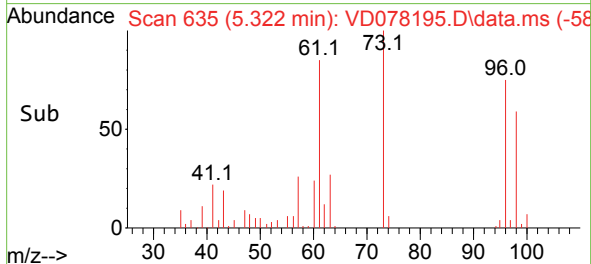


#21
trans-1,2-Dichloroethene
Concen: 20.211 ug/l
RT: 5.322 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD078195.D
Acq: 22 Jan 2024 15:46

Instrument :
MSVOA_D
ClientSampleId :

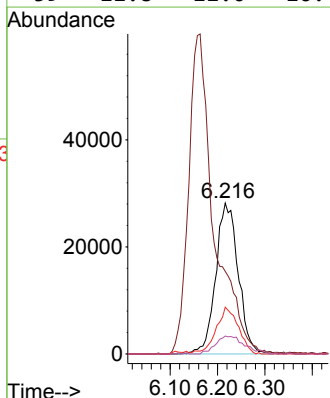
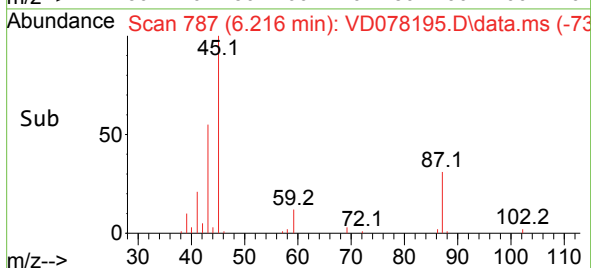
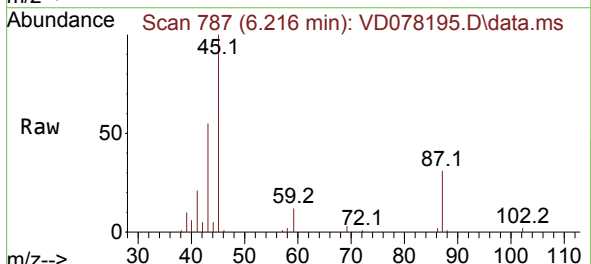


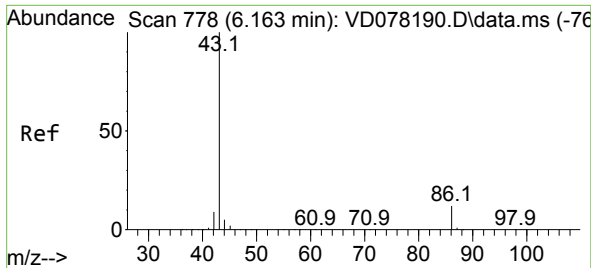
Tgt Ion: 96 Resp: 39723
Ion Ratio Lower Upper
96 100
61 112.9 89.3 133.9
98 79.0 48.6 73.0#



#22
Diisopropyl ether
Concen: 19.654 ug/l
RT: 6.216 min Scan# 787
Delta R.T. -0.006 min
Lab File: VD078195.D
Acq: 22 Jan 2024 15:46

Tgt Ion: 45 Resp: 93304
Ion Ratio Lower Upper
45 100
43 53.6 40.0 60.0
87 31.0 28.2 42.4
59 11.8 11.0 16.4

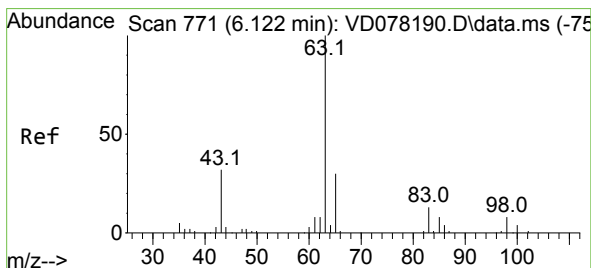
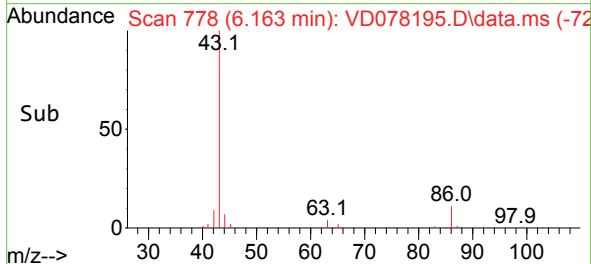
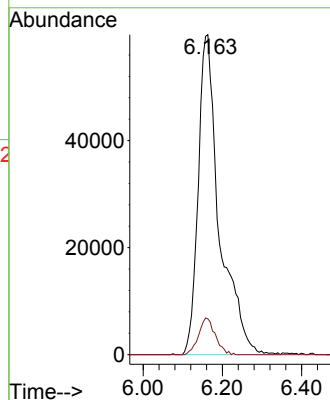
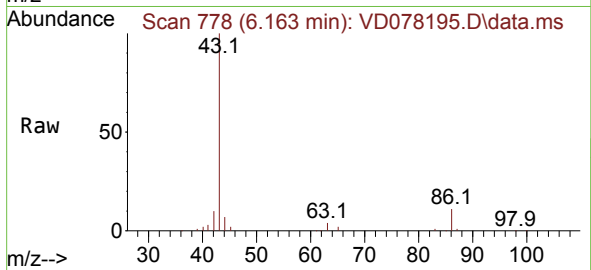




#23
 Vinyl Acetate
 Concen: 95.134 ug/l
 RT: 6.163 min Scan# 778
 Delta R.T. -0.000 min
 Lab File: VD078195.D
 Acq: 22 Jan 2024 15:46

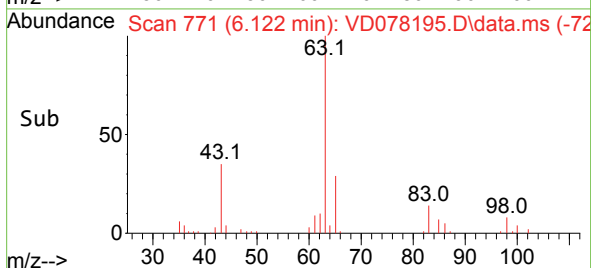
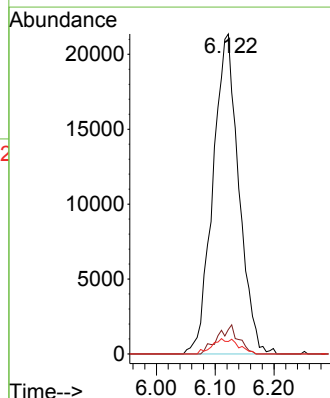
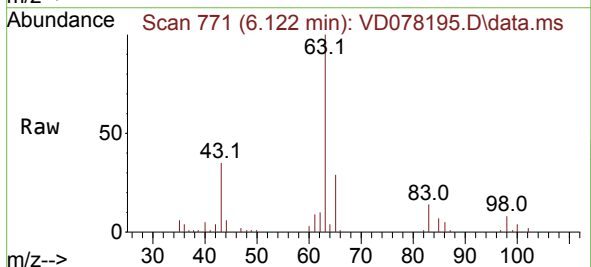
Instrument :
 MSVOA_D
 ClientSampleId :

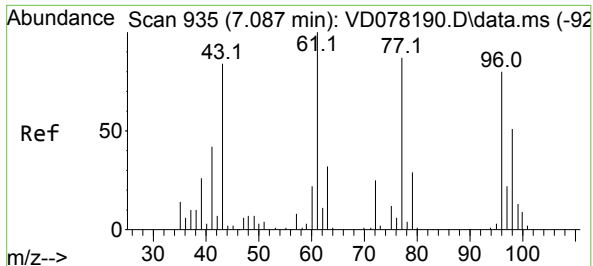
Tgt Ion: 43 Resp: 222516
 Ion Ratio Lower Upper
 43 100
 86 11.2 12.5 18.7#



#24
 1,1-Dichloroethane
 Concen: 19.928 ug/l
 RT: 6.122 min Scan# 771
 Delta R.T. -0.000 min
 Lab File: VD078195.D
 Acq: 22 Jan 2024 15:46

Tgt Ion: 63 Resp: 65372
 Ion Ratio Lower Upper
 63 100
 98 7.7 4.5 13.7
 100 3.9 2.5 7.5





#25

2-Butanone

Concen: 103.146 ug/l

RT: 7.081 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD078195.D

Acq: 22 Jan 2024 15:46

Instrument :

MSVOA_D

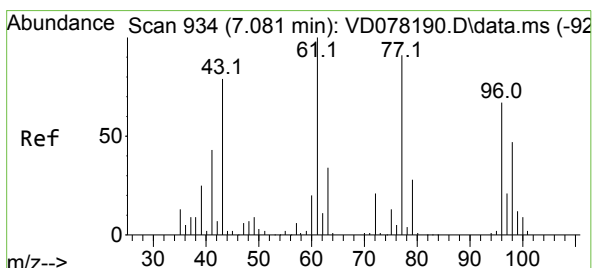
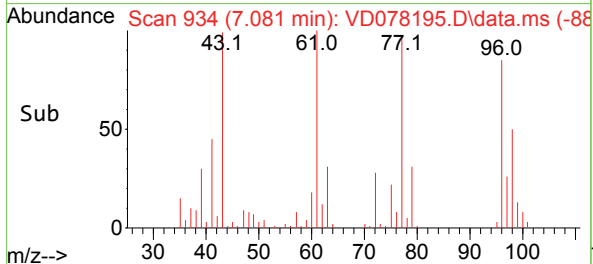
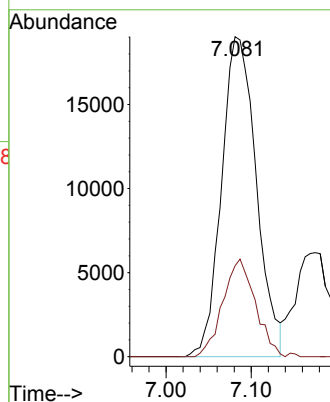
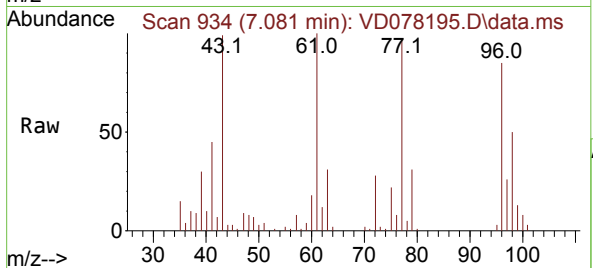
ClientSampleId :

Tgt Ion: 43 Resp: 53978

Ion Ratio Lower Upper

43 100

72 28.4 30.7 46.1#



#26

2,2-Dichloropropane

Concen: 19.412 ug/l

RT: 7.081 min Scan# 934

Delta R.T. -0.000 min

Lab File: VD078195.D

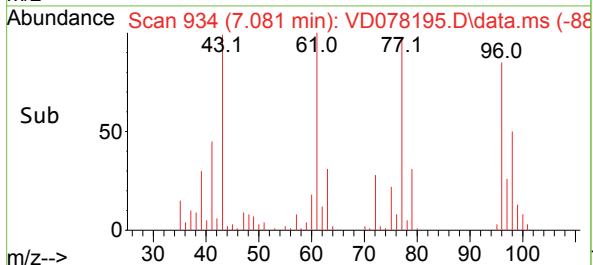
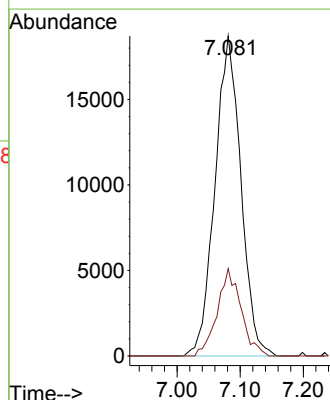
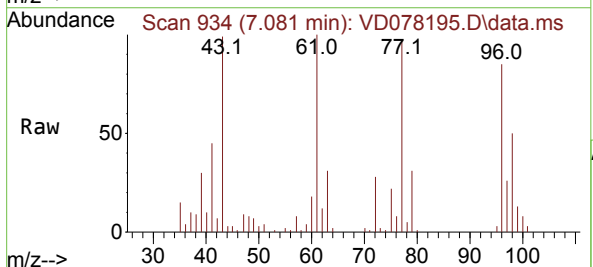
Acq: 22 Jan 2024 15:46

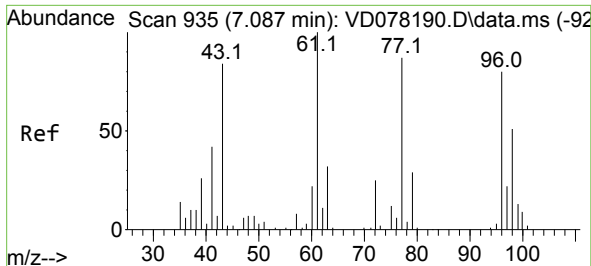
Tgt Ion: 77 Resp: 53343

Ion Ratio Lower Upper

77 100

97 25.0 13.2 39.6





#27

cis-1,2-Dichloroethene

Concen: 19.991 ug/l

RT: 7.081 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD078195.D

Acq: 22 Jan 2024 15:46

Instrument :

MSVOA_D

ClientSampleId :

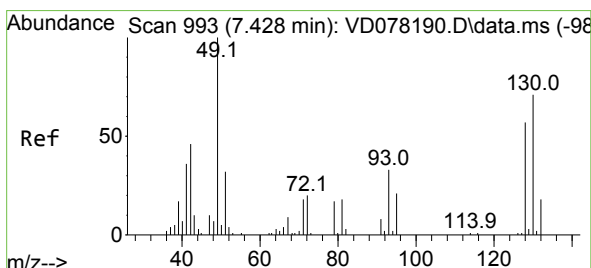
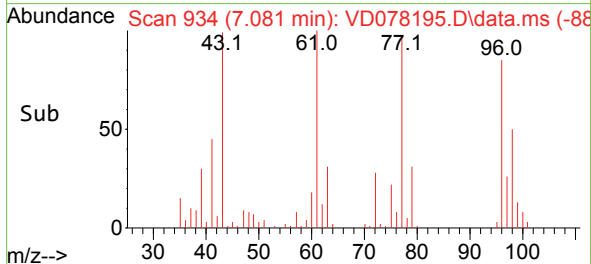
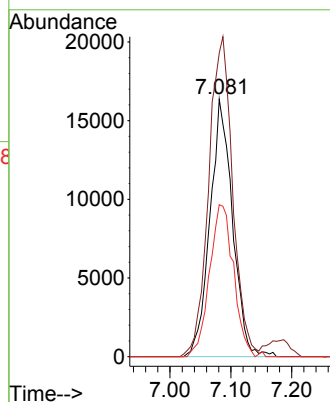
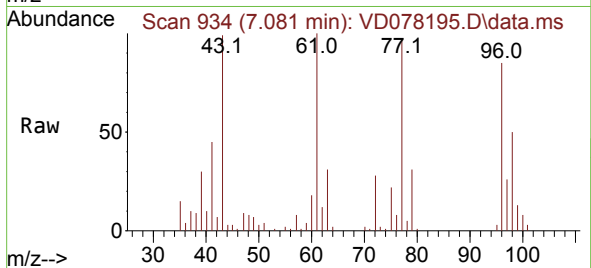
Tgt Ion: 96 Resp: 42205

Ion Ratio Lower Upper

96 100

61 131.7 0.0 239.2

98 62.5 0.0 128.6



#28

Bromochloromethane

Concen: 19.348 ug/l

RT: 7.428 min Scan# 993

Delta R.T. -0.000 min

Lab File: VD078195.D

Acq: 22 Jan 2024 15:46

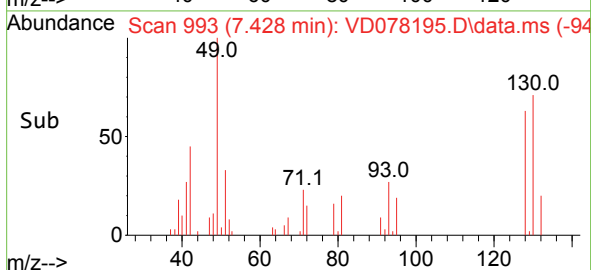
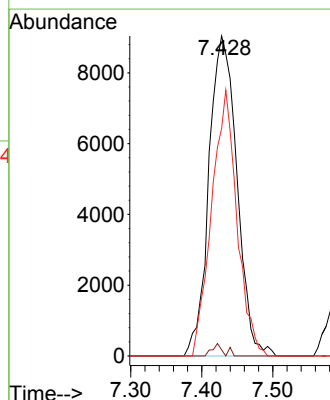
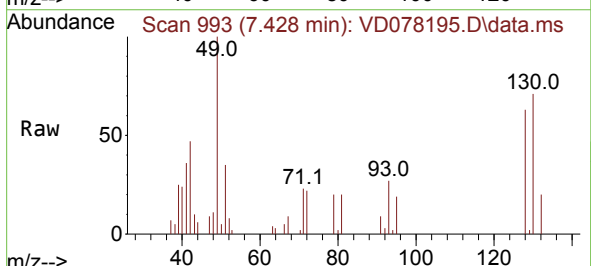
Tgt Ion: 49 Resp: 24754

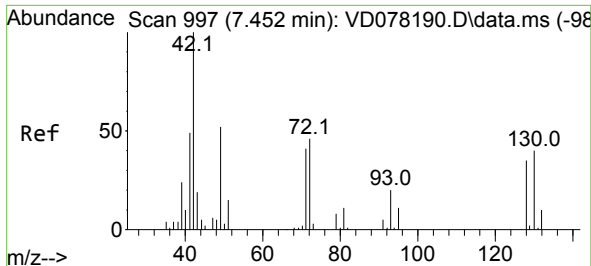
Ion Ratio Lower Upper

49 100

129 1.2 0.0 6.0

130 75.0 83.2 124.8





#29

Tetrahydrofuran

Concen: 90.733 ug/l

RT: 7.446 min Scan# 997

Delta R.T. -0.006 min

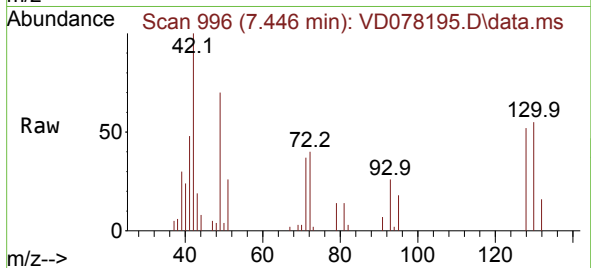
Lab File: VD078195.D

Acq: 22 Jan 2024 15:46

Instrument :

MSVOA_D

ClientSampleId :



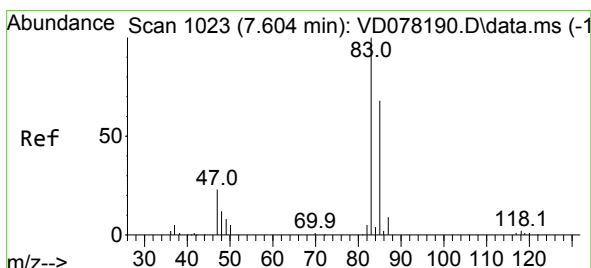
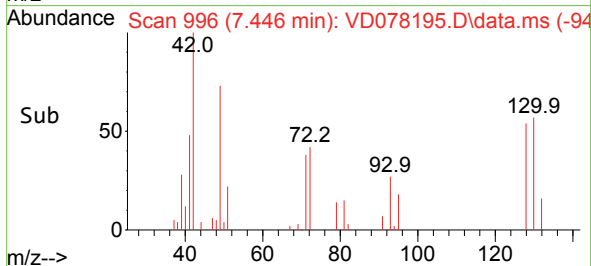
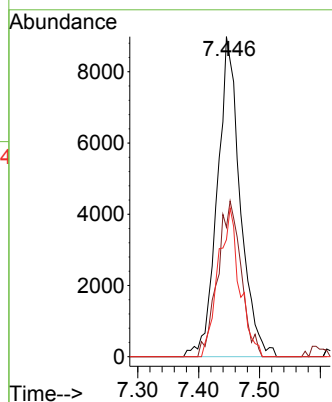
Tgt Ion: 42 Resp: 23486

Ion Ratio Lower Upper

42 100

72 49.7 46.5 69.7

71 43.7 44.5 66.7#



#30

Chloroform

Concen: 19.779 ug/l

RT: 7.604 min Scan# 1023

Delta R.T. -0.000 min

Lab File: VD078195.D

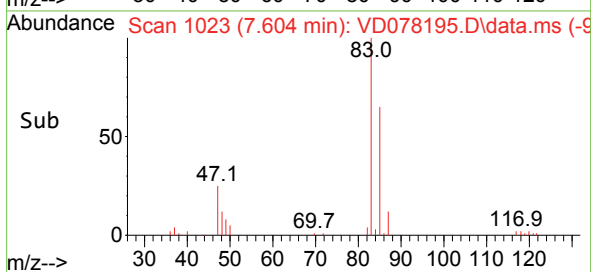
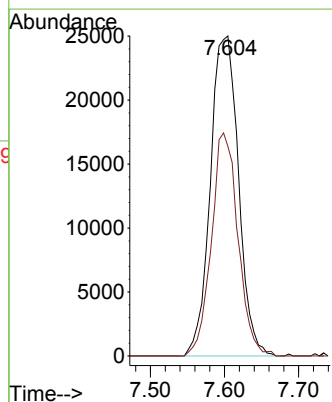
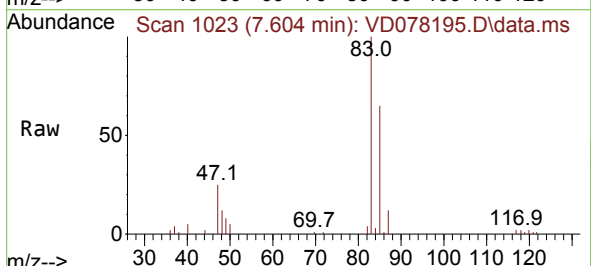
Acq: 22 Jan 2024 15:46

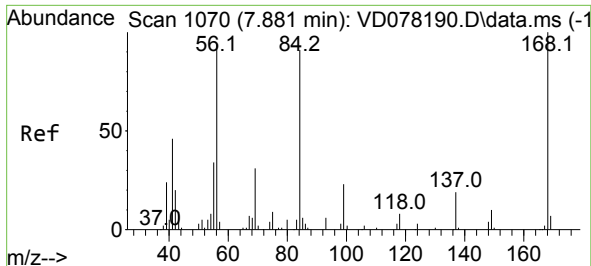
Tgt Ion: 83 Resp: 65984

Ion Ratio Lower Upper

83 100

85 65.5 53.4 80.2





#31

Cyclohexane

Concen: 19.742 ug/l

RT: 7.887 min Scan# 1070

Delta R.T. 0.006 min

Lab File: VD078195.D

Acq: 22 Jan 2024 15:46

Instrument :

MSVOA_D

ClientSampleId :

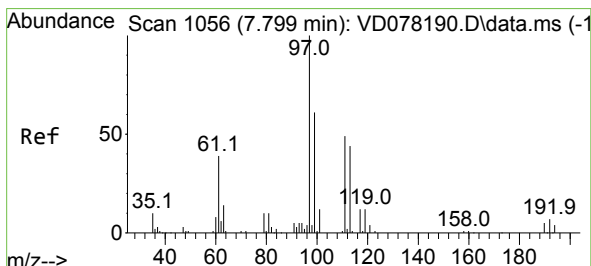
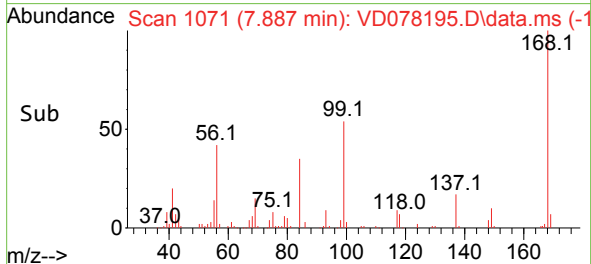
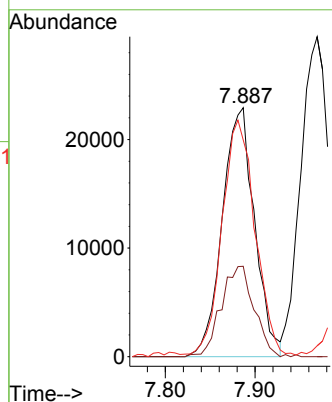
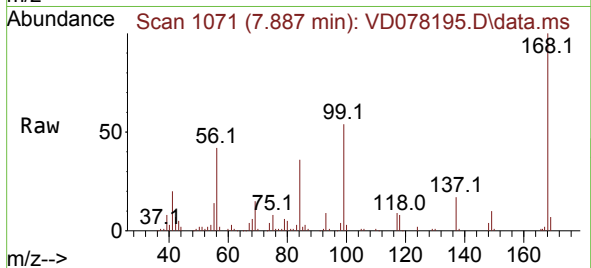
Tgt Ion: 56 Resp: 57272

Ion Ratio Lower Upper

56 100

69 36.3 28.6 43.0

84 86.1 84.8 127.2



#32

1,1,1-Trichloroethane

Concen: 19.904 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VD078195.D

Acq: 22 Jan 2024 15:46

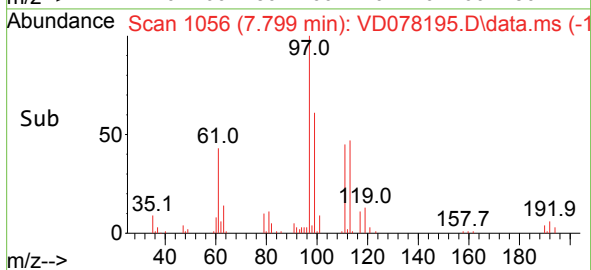
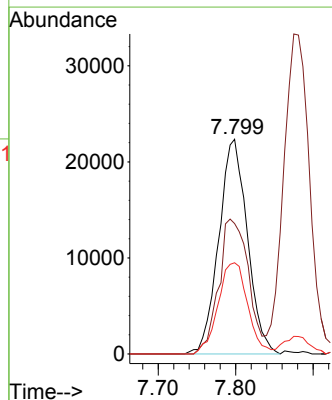
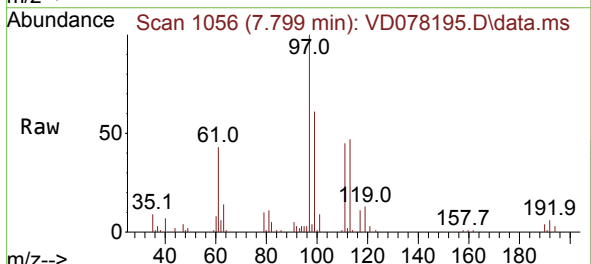
Tgt Ion: 97 Resp: 57361

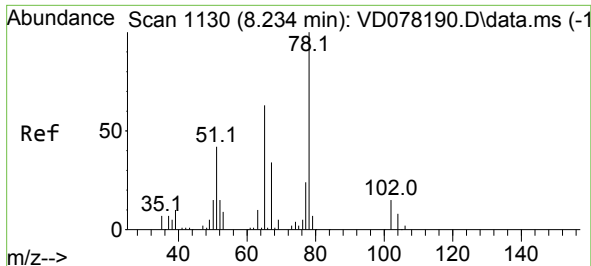
Ion Ratio Lower Upper

97 100

99 64.6 52.0 78.0

61 43.8 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 18.023 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD078195.D

Acq: 22 Jan 2024 15:46

Instrument :

MSVOA_D

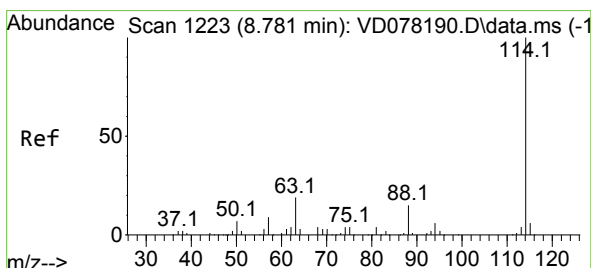
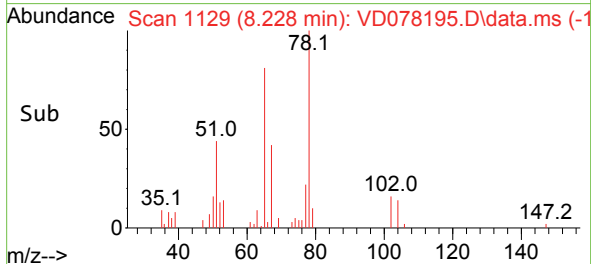
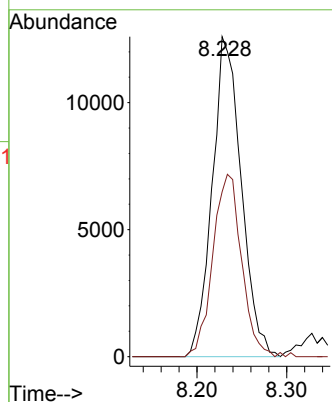
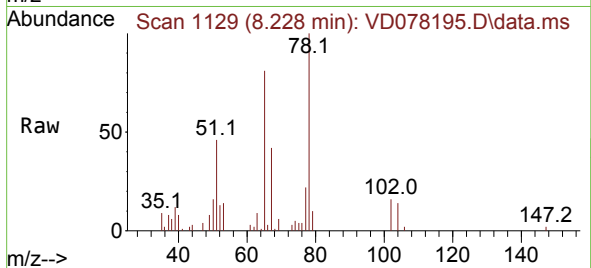
ClientSampleId :

Tgt Ion: 65 Resp: 28279

Ion Ratio Lower Upper

65 100

67 56.3 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. -0.000 min

Lab File: VD078195.D

Acq: 22 Jan 2024 15:46

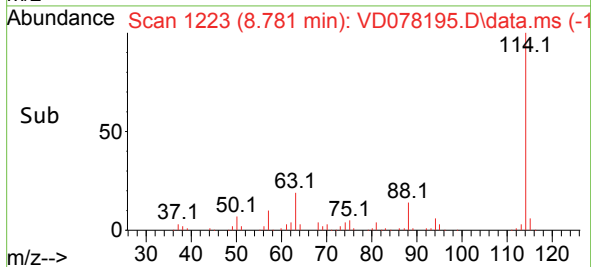
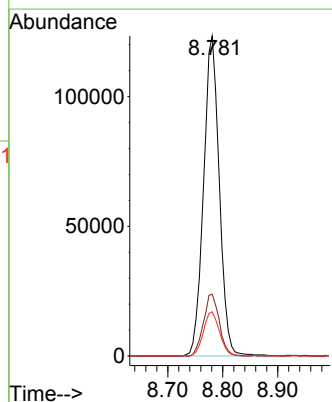
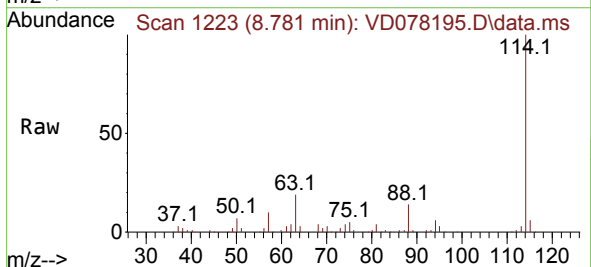
Tgt Ion: 114 Resp: 245531

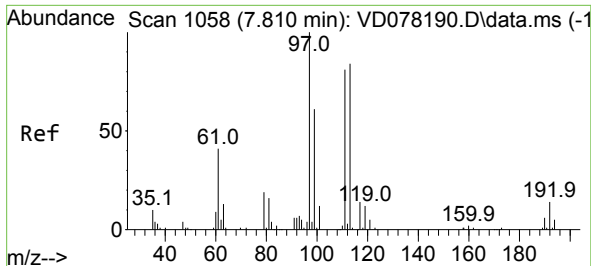
Ion Ratio Lower Upper

114 100

63 19.3 0.0 33.4

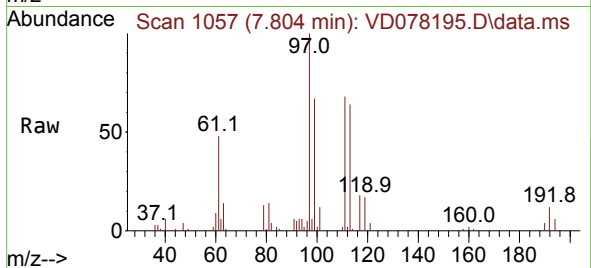
88 13.8 0.0 26.2



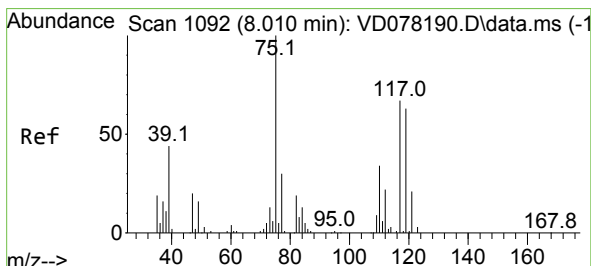
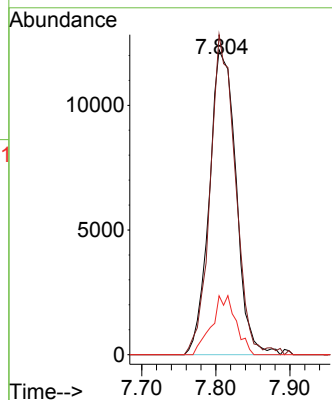
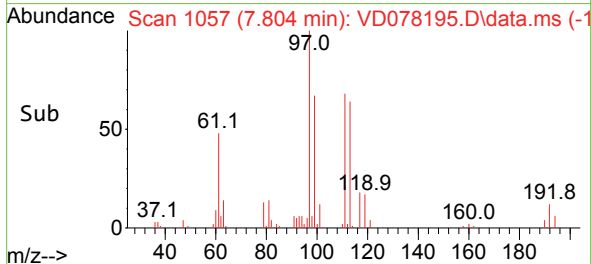


#35
Dibromofluoromethane
Concen: 18.941 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VD078195.D
Acq: 22 Jan 2024 15:46

Instrument :
MSVOA_D
ClientSampleId :

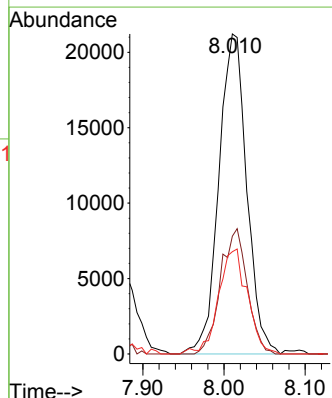
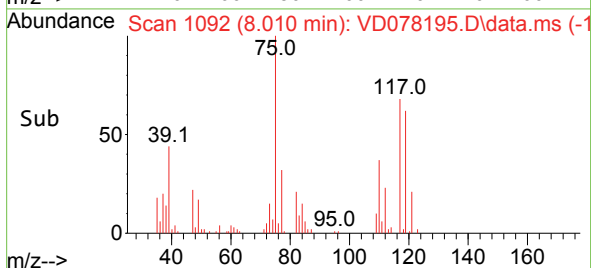
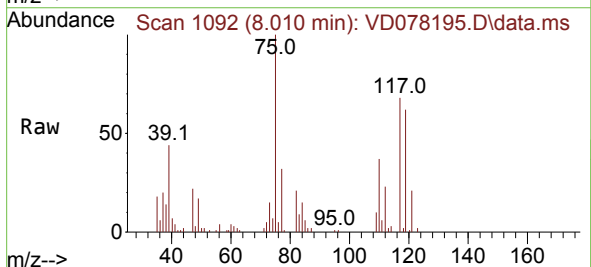


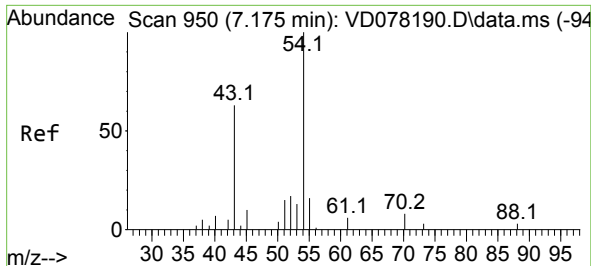
Tgt Ion:113 Resp: 30607
Ion Ratio Lower Upper
113 100
111 99.3 84.7 127.1
192 17.7 16.8 25.2



#36
1,1-Dichloropropene
Concen: 19.092 ug/l
RT: 8.010 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VD078195.D
Acq: 22 Jan 2024 15:46

Tgt Ion: 75 Resp: 50733
Ion Ratio Lower Upper
75 100
110 37.6 19.9 59.6
77 33.9 24.7 37.1





#37

Ethyl Acetate

Concen: 18.006 ug/l

RT: 7.175 min Scan# 91

Delta R.T. -0.000 min

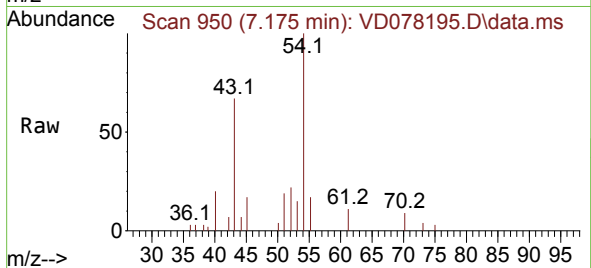
Lab File: VD078195.D

Acq: 22 Jan 2024 15:46

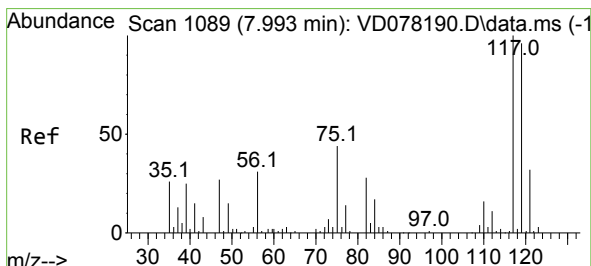
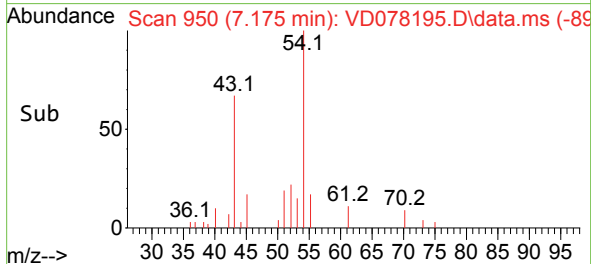
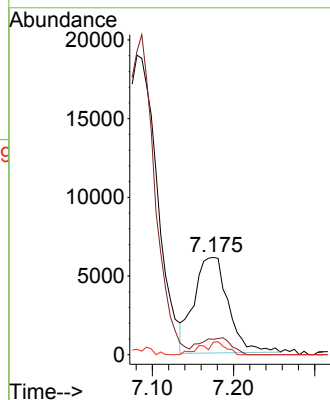
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 43	Resp: 17813
Ion Ratio	Lower Upper
43	100
61	16.1 14.9 22.3
70	9.8 10.0 15.0



#38

Carbon Tetrachloride

Concen: 19.881 ug/l

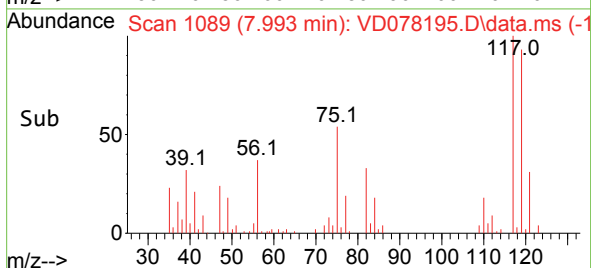
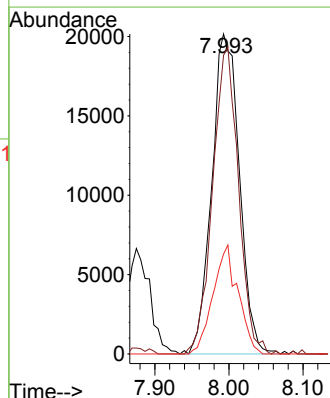
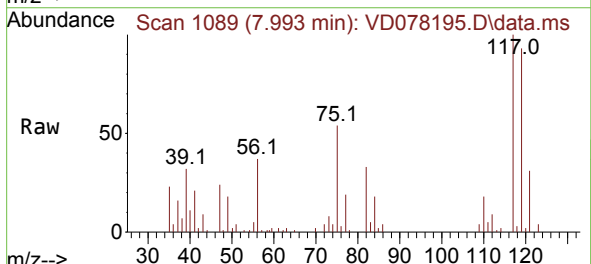
RT: 7.993 min Scan# 1089

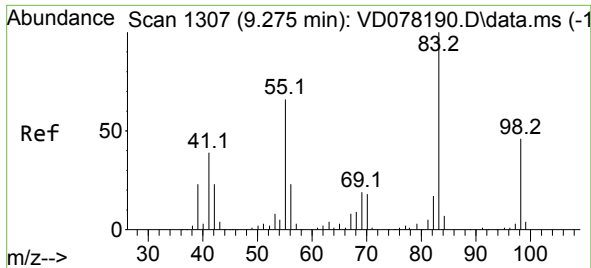
Delta R.T. -0.000 min

Lab File: VD078195.D

Acq: 22 Jan 2024 15:46

Tgt Ion: 117	Resp: 52177
Ion Ratio	Lower Upper
117	100
119	93.3 78.0 117.0
121	31.2 24.2 36.2

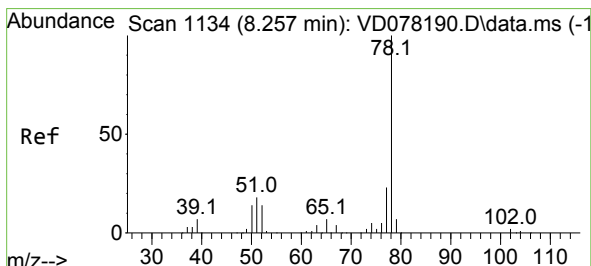
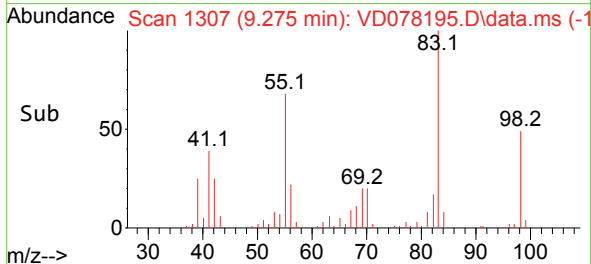
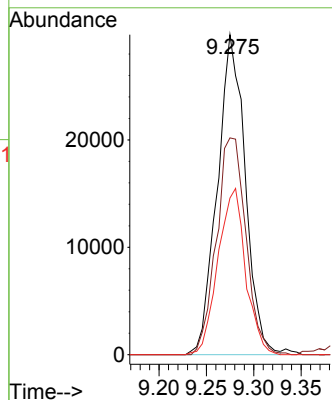
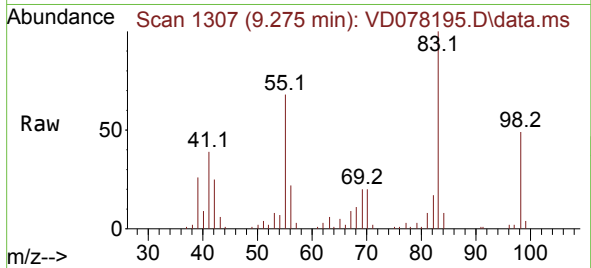




#39
Methylcyclohexane
Concen: 19.397 ug/l
RT: 9.275 min Scan# 11307
Delta R.T. -0.000 min
Lab File: VD078195.D
Acq: 22 Jan 2024 15:46

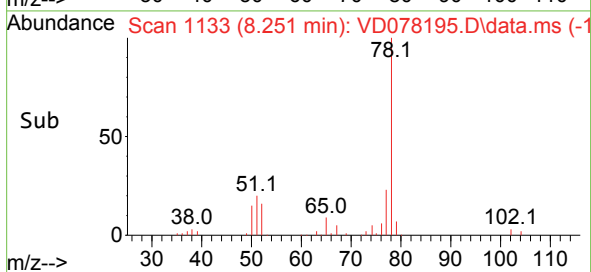
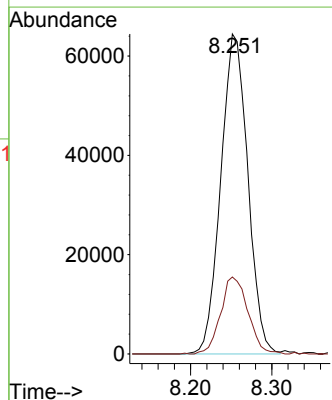
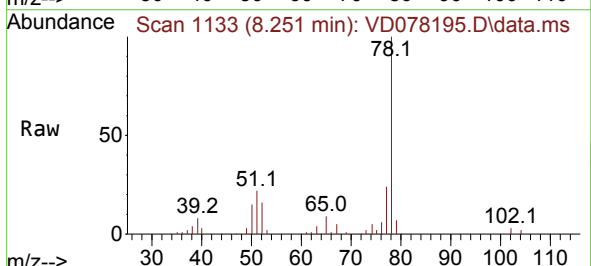
Instrument :
MSVOA_D
ClientSampleId :

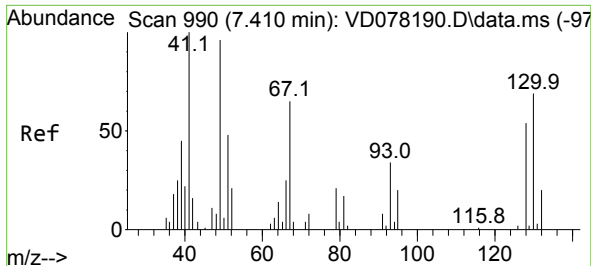
Tgt Ion: 83 Resp: 60958
Ion Ratio Lower Upper
83 100
55 67.8 49.4 74.0
98 49.0 38.4 57.6



#40
Benzene
Concen: 19.773 ug/l
RT: 8.251 min Scan# 1133
Delta R.T. -0.006 min
Lab File: VD078195.D
Acq: 22 Jan 2024 15:46

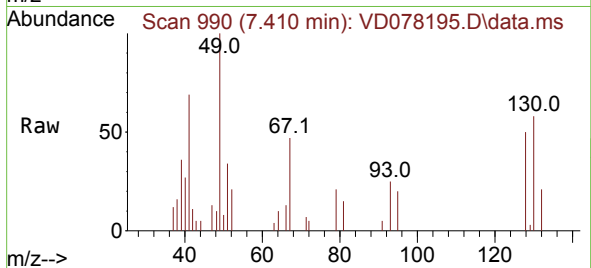
Tgt Ion: 78 Resp: 149106
Ion Ratio Lower Upper
78 100
77 24.0 19.4 29.0



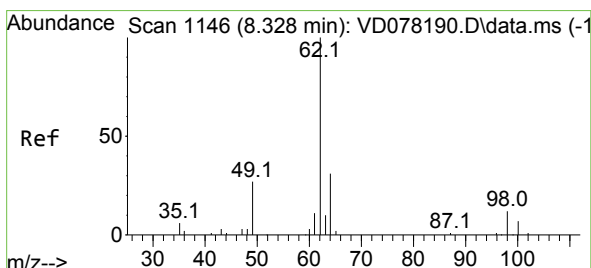
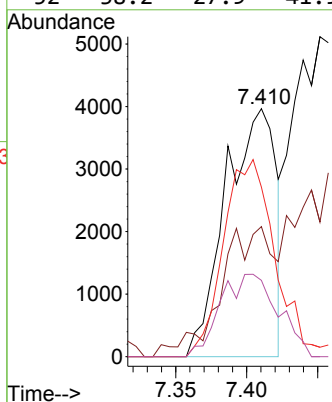
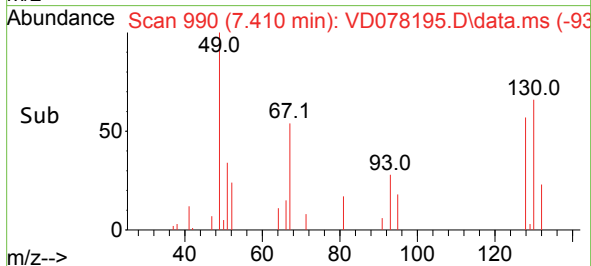


#41
Methacrylonitrile
Concen: 18.305 ug/l
RT: 7.410 min Scan# 990
Delta R.T. -0.000 min
Lab File: VD078195.D
Acq: 22 Jan 2024 15:46

Instrument :
MSVOA_D
ClientSampleId :

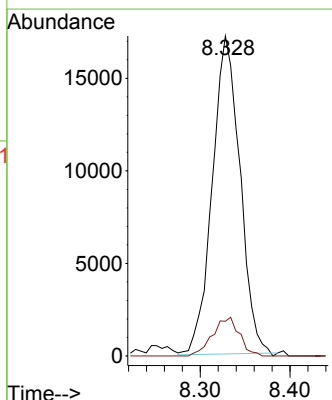
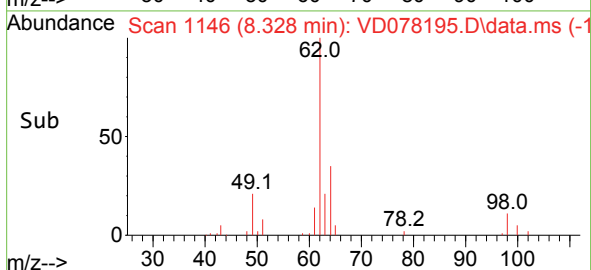
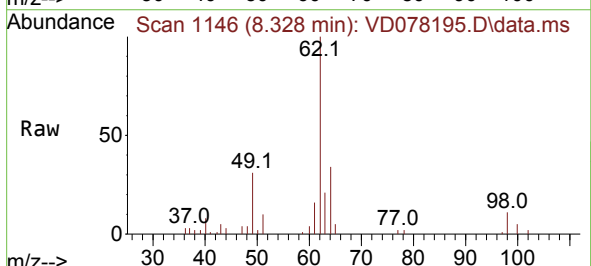


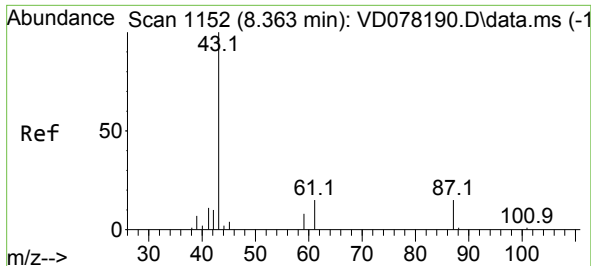
Tgt Ion: 41 Resp: 9744
Ion Ratio Lower Upper
41 100
39 30.1 34.0 51.0#
67 81.7 77.0 115.4
52 38.2 27.9 41.9



#42
1,2-Dichloroethane
Concen: 18.712 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD078195.D
Acq: 22 Jan 2024 15:46

Tgt Ion: 62 Resp: 36714
Ion Ratio Lower Upper
62 100
98 11.8 0.0 25.4

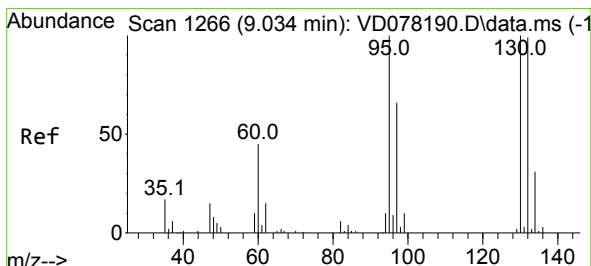
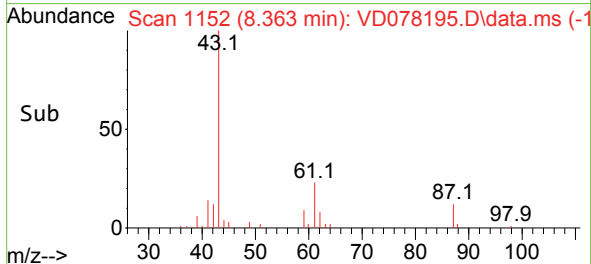
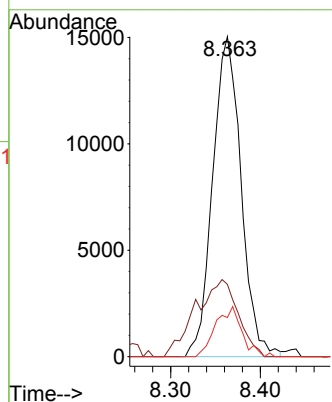
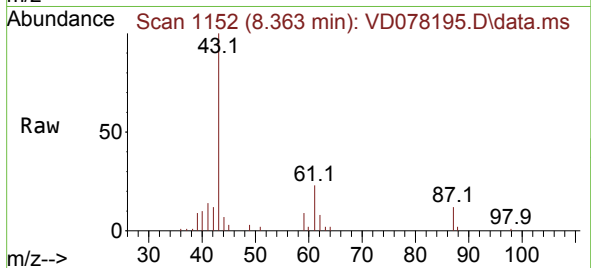




#43
Isopropyl Acetate
Concen: 18.214 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. -0.000 min
Lab File: VD078195.D
Acq: 22 Jan 2024 15:46

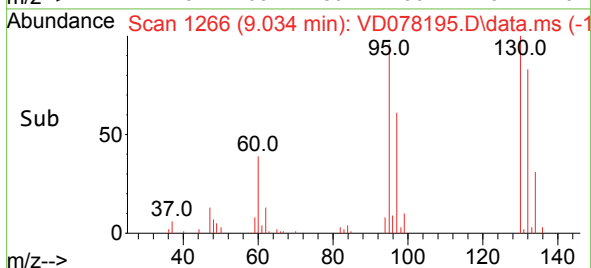
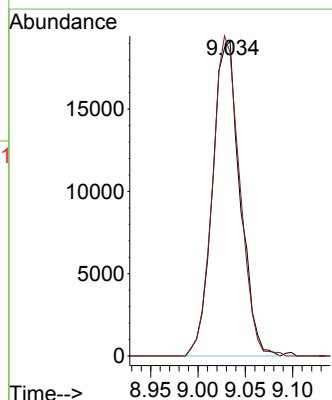
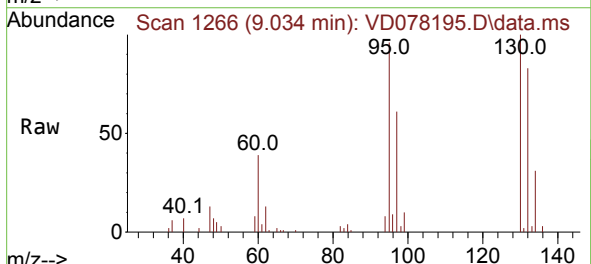
Instrument :
MSVOA_D
ClientSampleId :

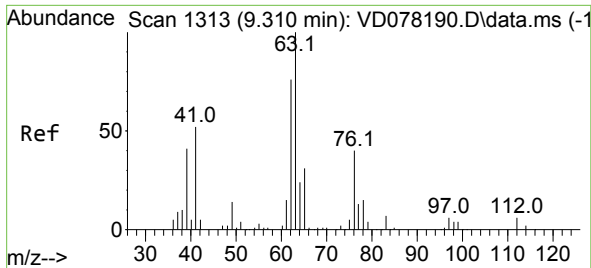
Tgt Ion: 43 Resp: 33010
Ion Ratio Lower Upper
43 100
61 36.1 31.4 47.0
87 14.6 14.9 22.3#



#44
Trichloroethene
Concen: 20.051 ug/l
RT: 9.034 min Scan# 1266
Delta R.T. -0.000 min
Lab File: VD078195.D
Acq: 22 Jan 2024 15:46

Tgt Ion:130 Resp: 38682
Ion Ratio Lower Upper
130 100
95 96.3 0.0 179.2

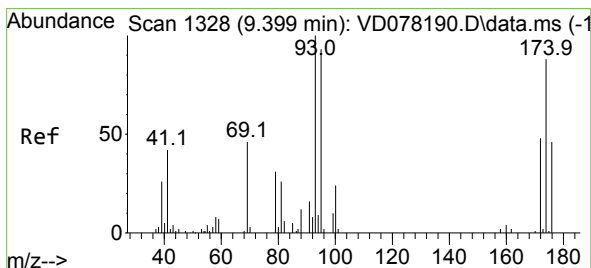
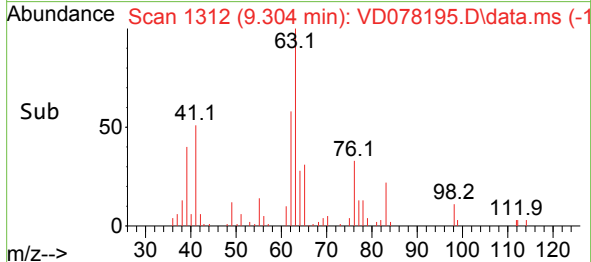
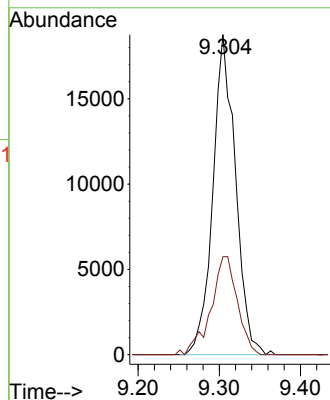
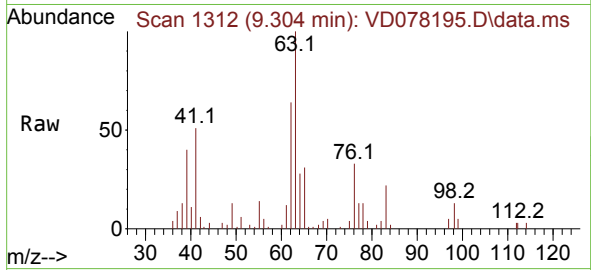




#45
1,2-Dichloropropane
Concen: 19.409 ug/l
RT: 9.304 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD078195.D
Acq: 22 Jan 2024 15:46

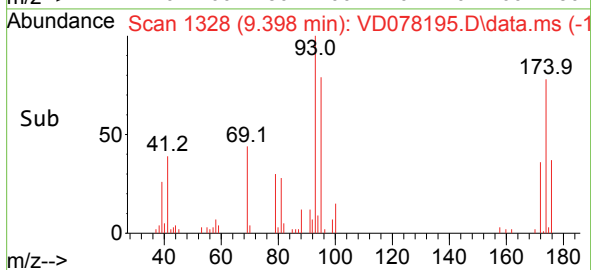
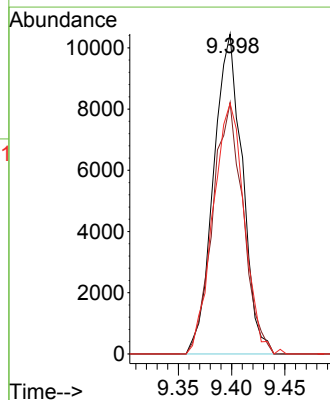
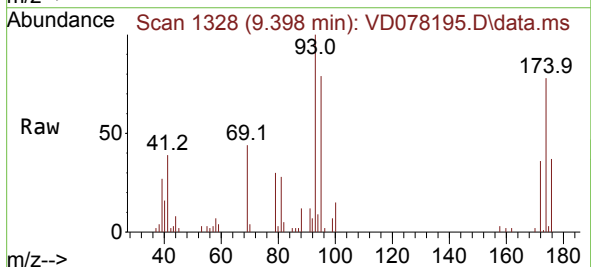
Instrument :
MSVOA_D
ClientSampleId :

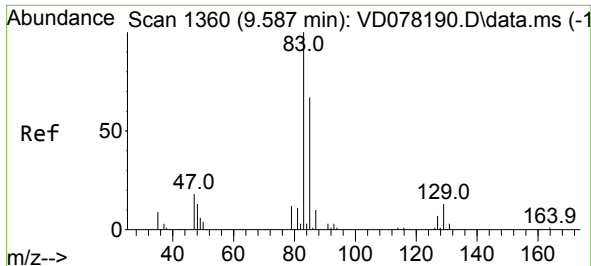
Tgt Ion: 63 Resp: 36318
Ion Ratio Lower Upper
63 100
65 30.6 24.5 36.7



#46
Dibromomethane
Concen: 19.119 ug/l
RT: 9.398 min Scan# 1328
Delta R.T. -0.000 min
Lab File: VD078195.D
Acq: 22 Jan 2024 15:46

Tgt Ion: 93 Resp: 19647
Ion Ratio Lower Upper
93 100
95 82.6 67.7 101.5
174 84.8 85.4 128.2#

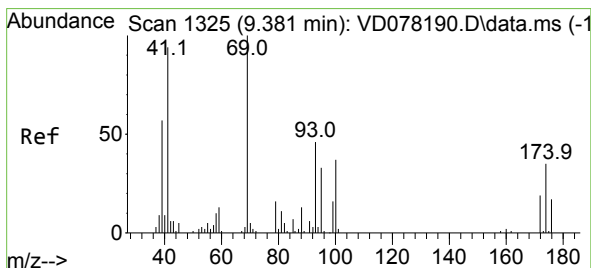
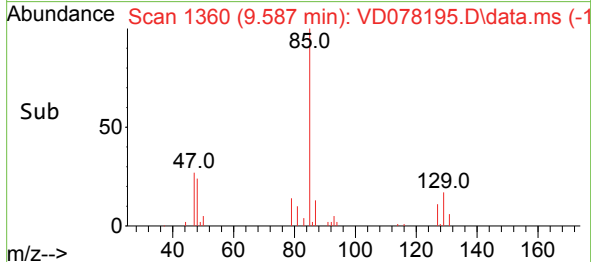
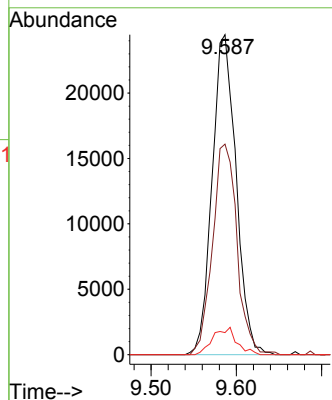
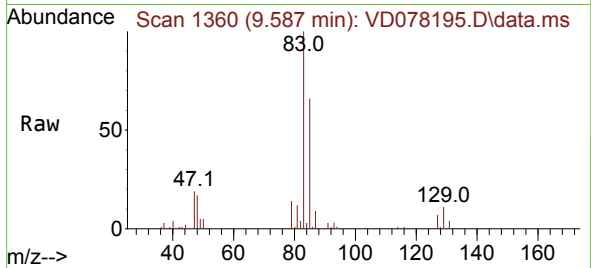




#47
Bromodichloromethane
Concen: 18.492 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. -0.000 min
Lab File: VD078195.D
Acq: 22 Jan 2024 15:46

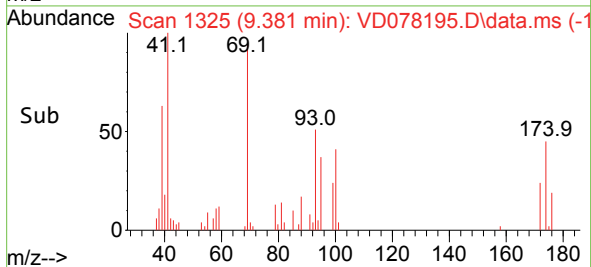
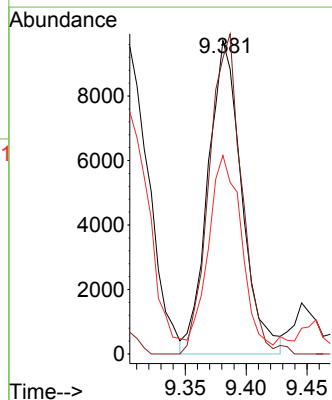
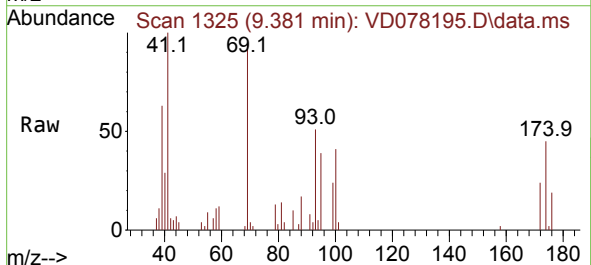
Instrument :
MSVOA_D
ClientSampleId :

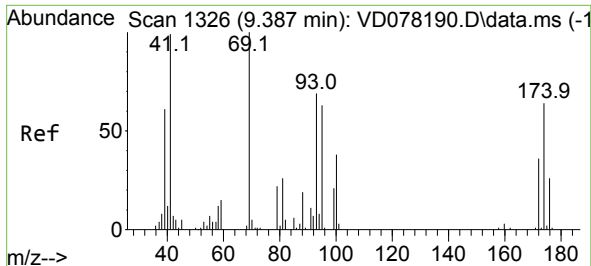
Tgt Ion: 83 Resp: 47734
Ion Ratio Lower Upper
83 100
85 65.8 50.2 75.4
127 6.9 6.3 9.5



#48
Methyl methacrylate
Concen: 17.913 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD078195.D
Acq: 22 Jan 2024 15:46

Tgt Ion: 41 Resp: 18796
Ion Ratio Lower Upper
41 100
69 97.9 102.2 153.2#
39 57.1 41.4 62.2





#49

1,4-Dioxane

Concen: 368.791 ug/l

RT: 9.381 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD078195.D

Acq: 22 Jan 2024 15:46

Instrument :

MSVOA_D

ClientSampleId :

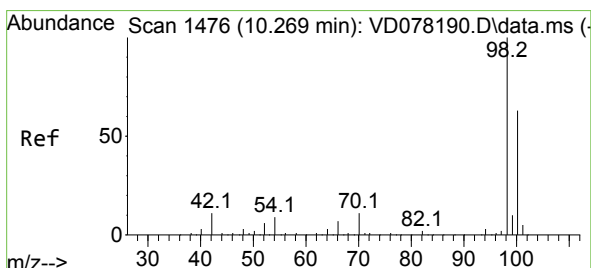
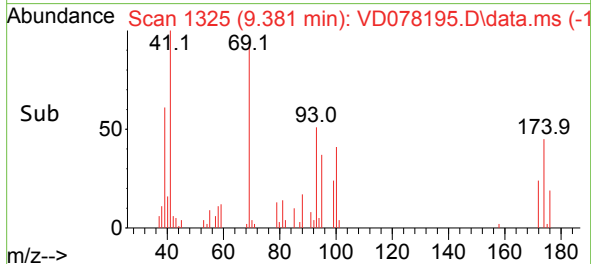
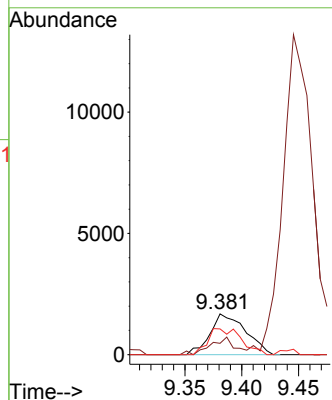
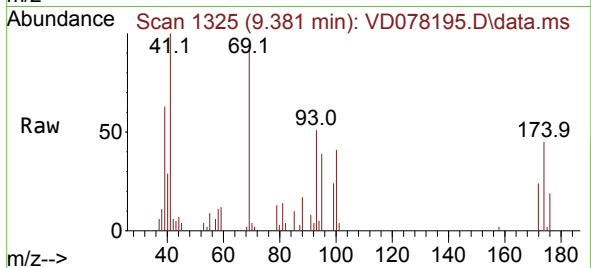
Tgt Ion: 88 Resp: 3667

Ion Ratio Lower Upper

88 100

43 29.3 19.0 28.6#

58 60.1 43.5 65.3



#50

Toluene-d8

Concen: 18.727 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD078195.D

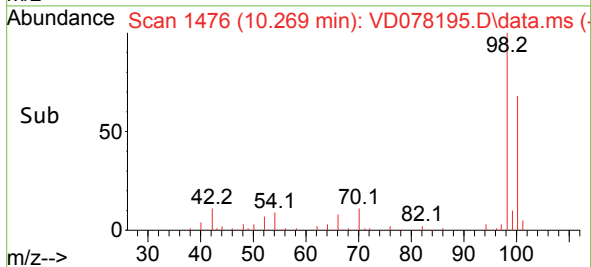
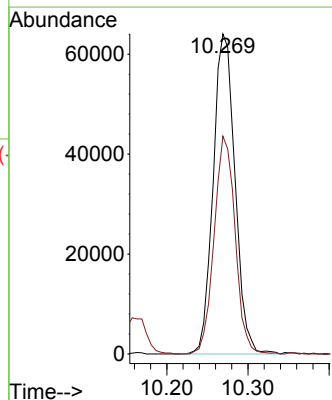
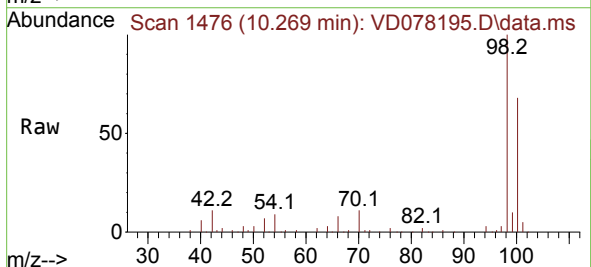
Acq: 22 Jan 2024 15:46

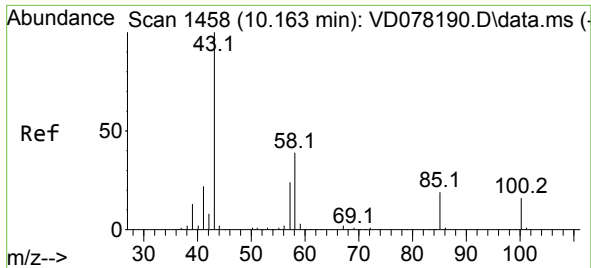
Tgt Ion: 98 Resp: 119822

Ion Ratio Lower Upper

98 100

100 65.4 50.3 75.5





#51

4-Methyl-2-Pentanone

Concen: 88.485 ug/l

RT: 10.157 min Scan# 1457

Delta R.T. -0.006 min

Lab File: VD078195.D

Acq: 22 Jan 2024 15:46

Instrument :

MSVOA_D

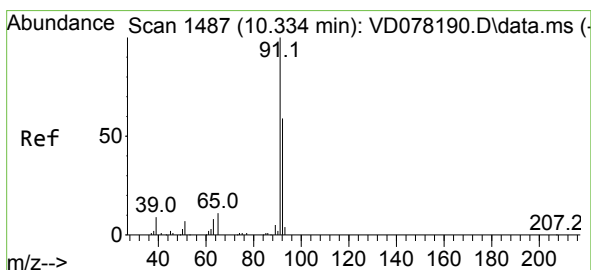
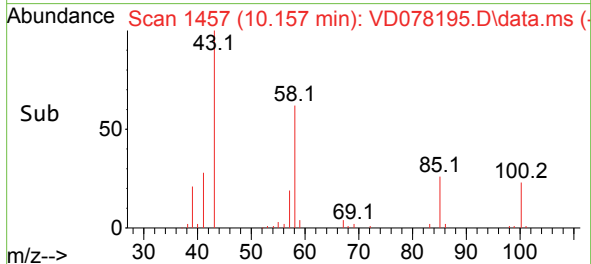
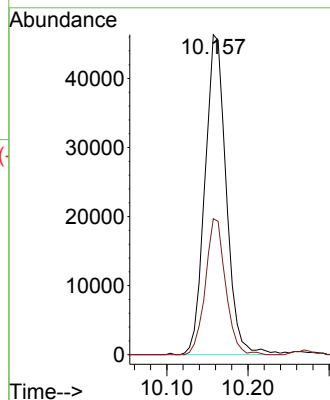
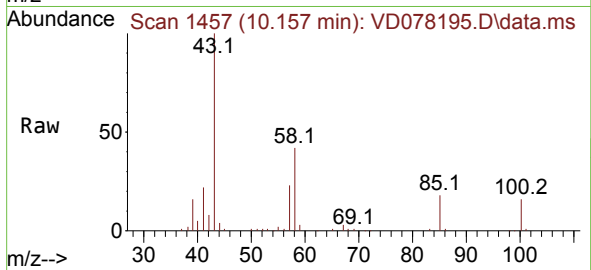
ClientSampleId :

Tgt Ion: 43 Resp: 84271

Ion Ratio Lower Upper

43 100

58 40.3 38.9 58.3



#52

Toluene

Concen: 19.427 ug/l

RT: 10.334 min Scan# 1487

Delta R.T. -0.000 min

Lab File: VD078195.D

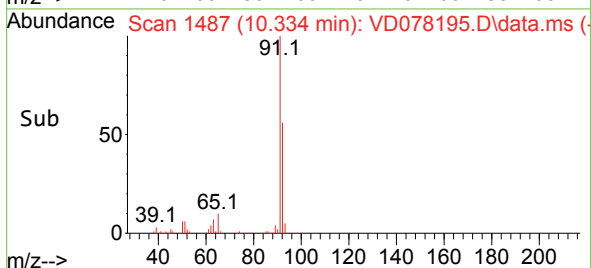
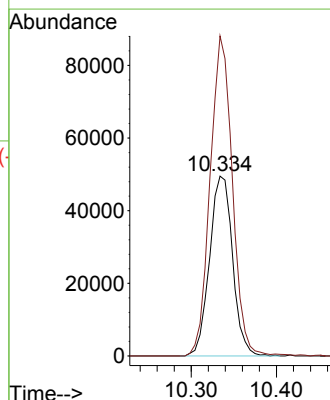
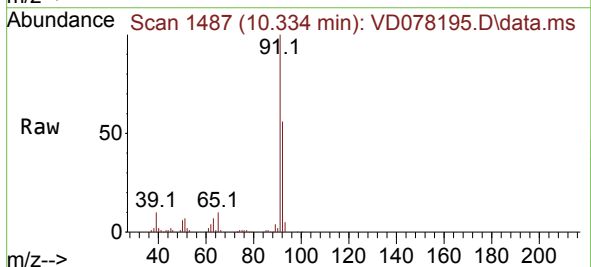
Acq: 22 Jan 2024 15:46

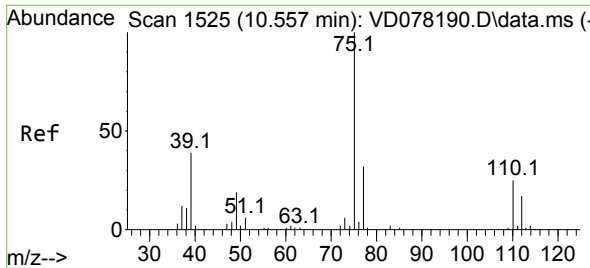
Tgt Ion: 92 Resp: 92859

Ion Ratio Lower Upper

92 100

91 172.4 143.0 214.4

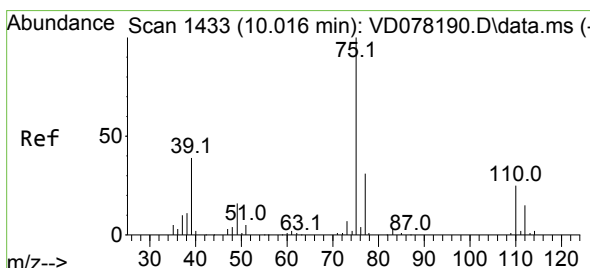
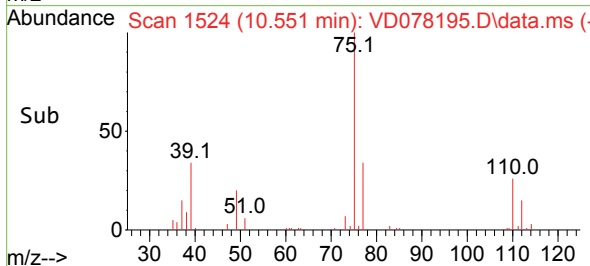
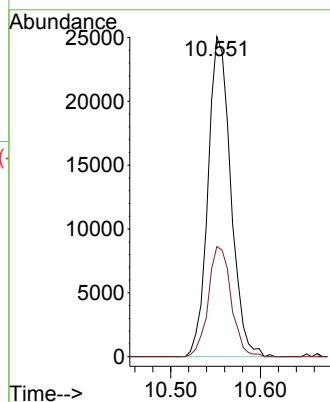
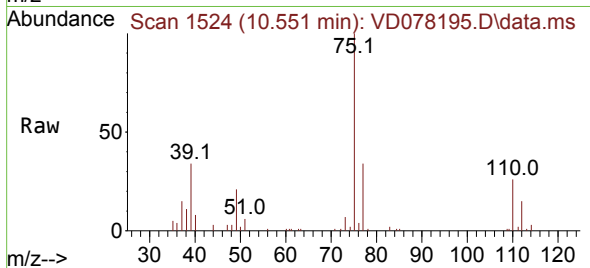




#53
 t-1,3-Dichloropropene
 Concen: 18.521 ug/l
 RT: 10.551 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VD078195.D
 Acq: 22 Jan 2024 15:46

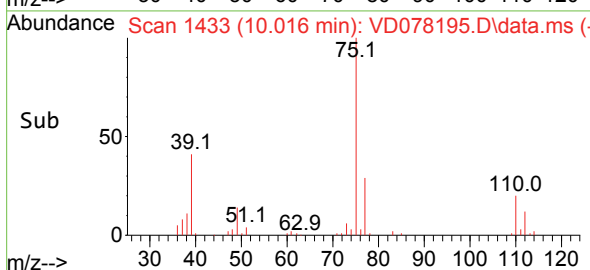
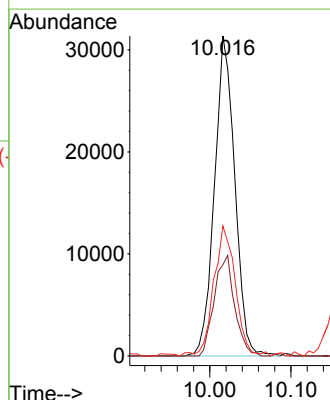
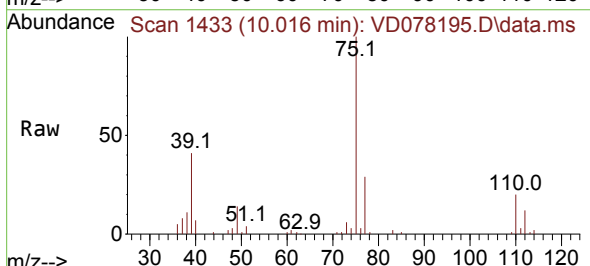
Instrument :
 MSVOA_D
 ClientSampleId :

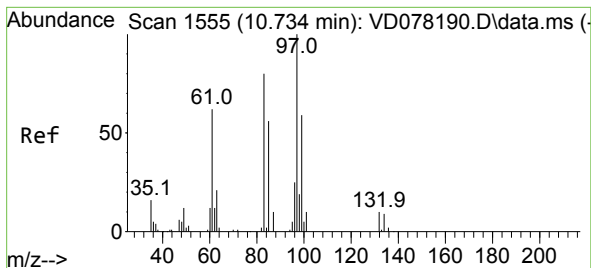
Tgt Ion: 75 Resp: 44107
 Ion Ratio Lower Upper
 75 100
 77 34.4 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 19.128 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. -0.000 min
 Lab File: VD078195.D
 Acq: 22 Jan 2024 15:46

Tgt Ion: 75 Resp: 54609
 Ion Ratio Lower Upper
 75 100
 77 28.5 25.5 38.3
 39 40.6 22.1 33.1#

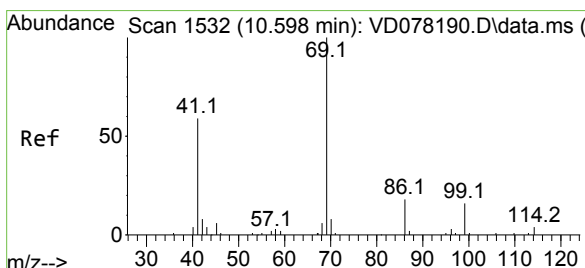
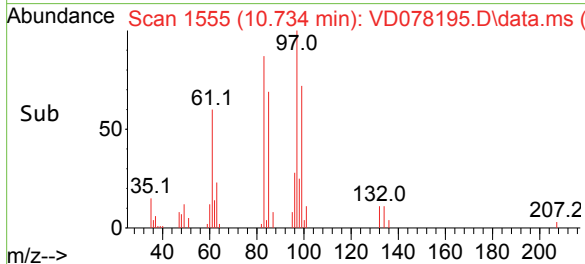
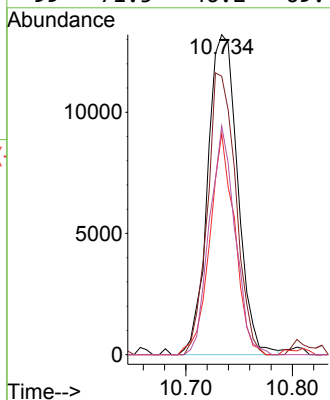
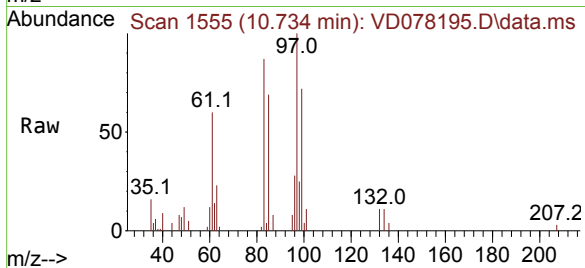




#55
1,1,2-Trichloroethane
Concen: 18.754 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD078195.D
Acq: 22 Jan 2024 15:46

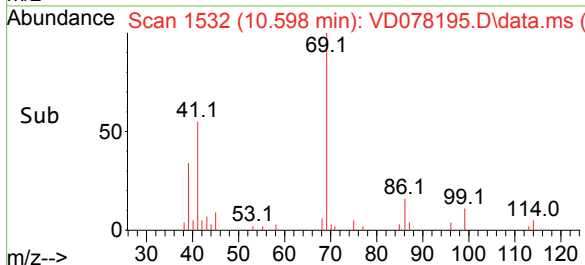
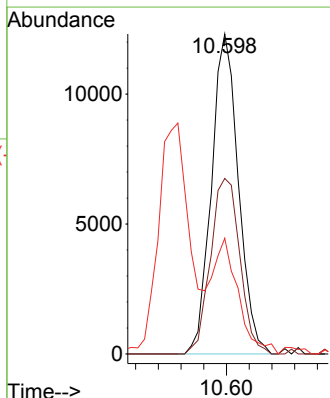
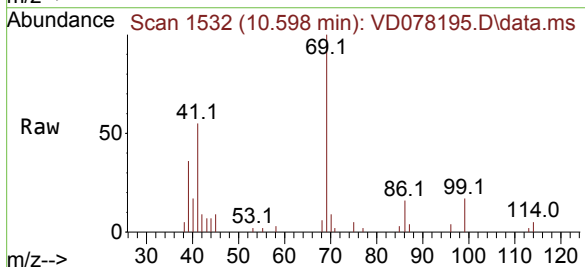
Instrument :
MSVOA_D
ClientSampleId :

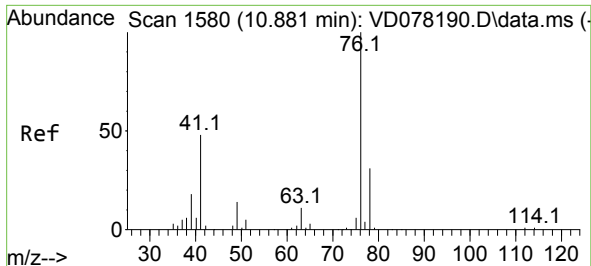
Tgt Ion:	97	Resp:	25788
Ion	Ratio	Lower	Upper
97	100		
83	87.0	65.8	98.6
85	69.1	45.7	68.5#
99	71.5	46.2	69.4#



#56
Ethyl methacrylate
Concen: 18.040 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. -0.000 min
Lab File: VD078195.D
Acq: 22 Jan 2024 15:46

Tgt Ion:	69	Resp:	20306
Ion	Ratio	Lower	Upper
69	100		
41	59.8	39.1	58.7#
39	34.3	20.0	30.0#





#57

1,3-Dichloropropane

Concen: 18.882 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD078195.D

Acq: 22 Jan 2024 15:46

Instrument :

MSVOA_D

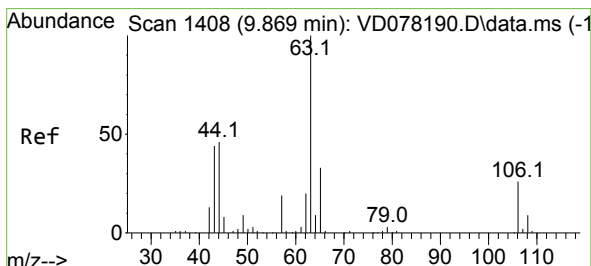
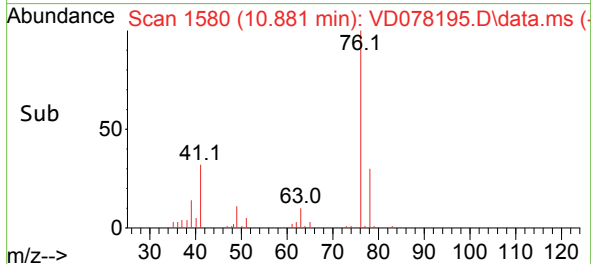
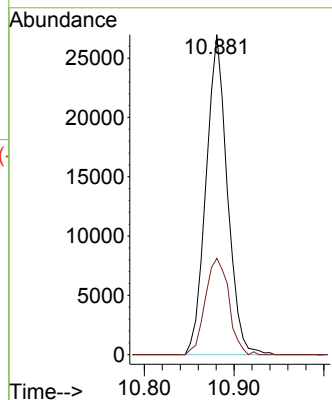
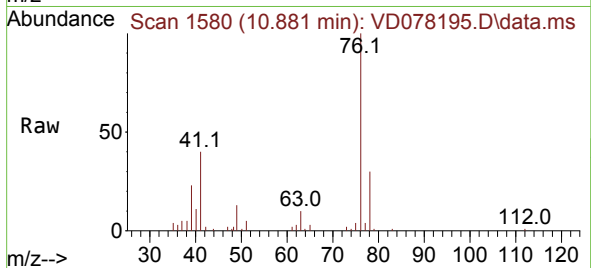
ClientSampleId :

Tgt Ion: 76 Resp: 44402

Ion Ratio Lower Upper

76 100

78 33.3 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 90.869 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD078195.D

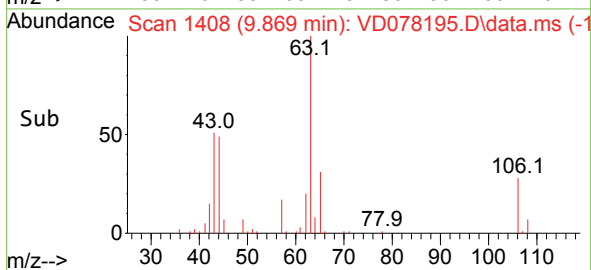
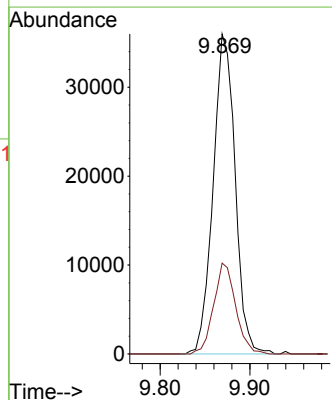
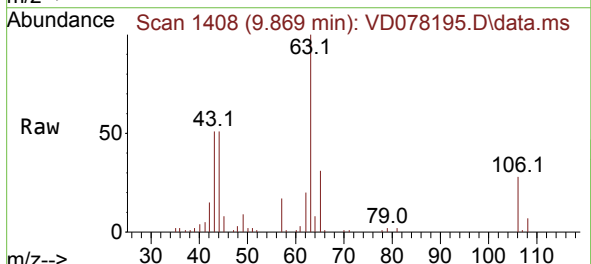
Acq: 22 Jan 2024 15:46

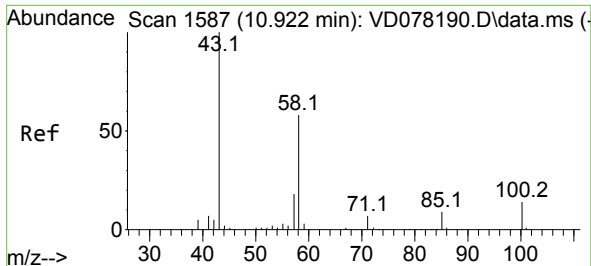
Tgt Ion: 63 Resp: 61295

Ion Ratio Lower Upper

63 100

106 28.4 25.3 37.9

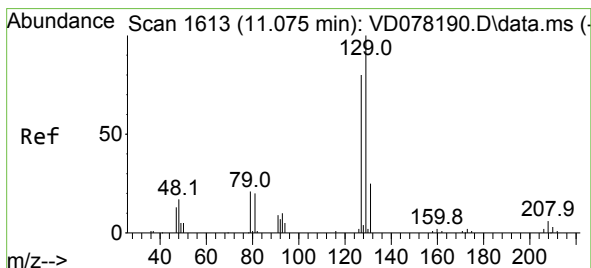
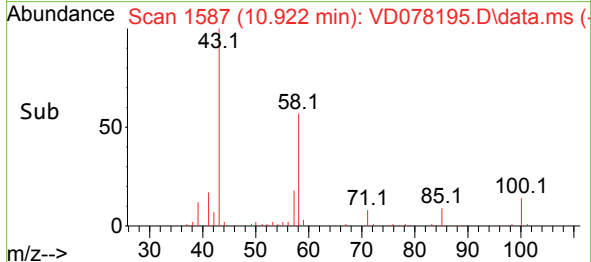
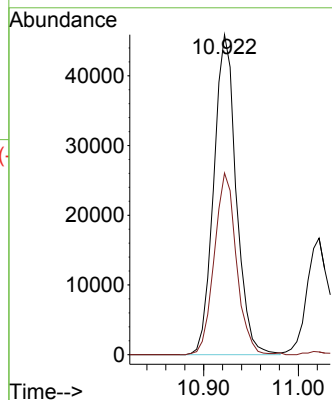
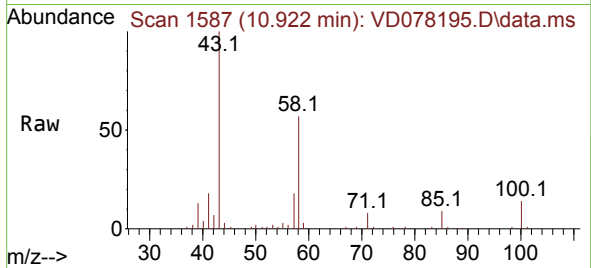




#59
2-Hexanone
Concen: 97.666 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD078195.D
Acq: 22 Jan 2024 15:46

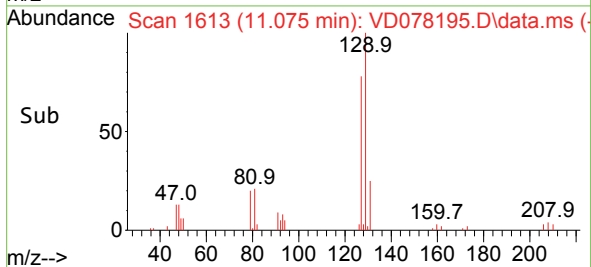
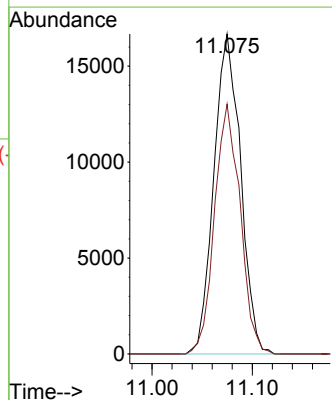
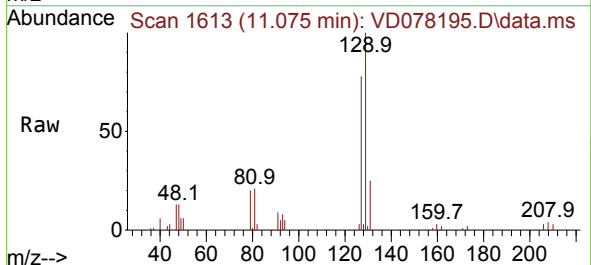
Instrument :
MSVOA_D
ClientSampleId :

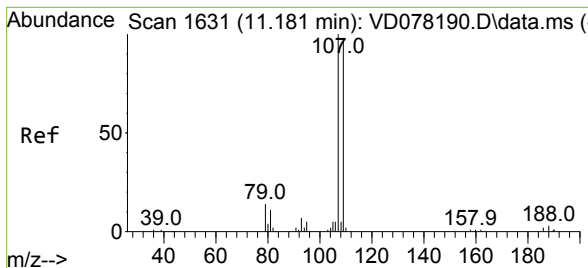
Tgt Ion: 43 Resp: 75586
Ion Ratio Lower Upper
43 100
58 56.1 34.1 102.2



#60
Dibromochloromethane
Concen: 19.059 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD078195.D
Acq: 22 Jan 2024 15:46

Tgt Ion: 129 Resp: 30898
Ion Ratio Lower Upper
129 100
127 74.9 37.1 111.5

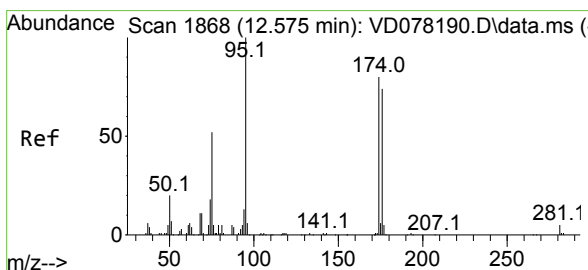
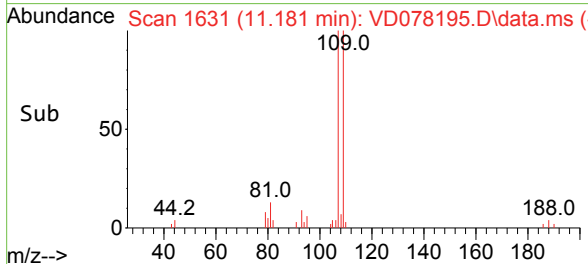
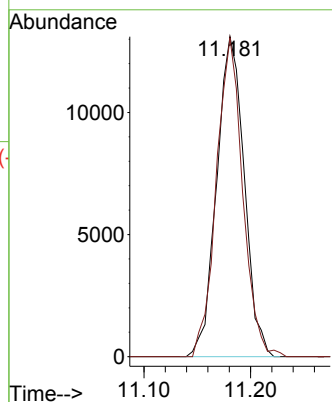
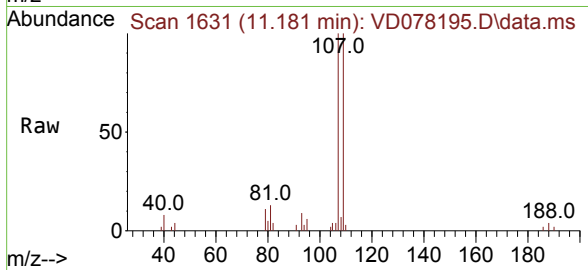




#61
1,2-Dibromoethane
Concen: 18.554 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD078195.D
Acq: 22 Jan 2024 15:46

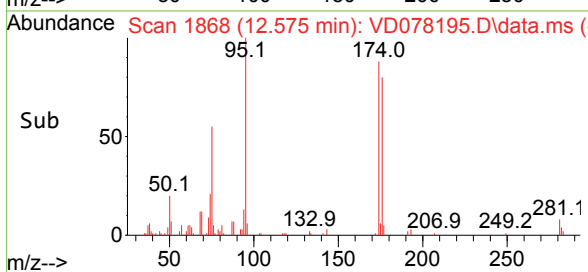
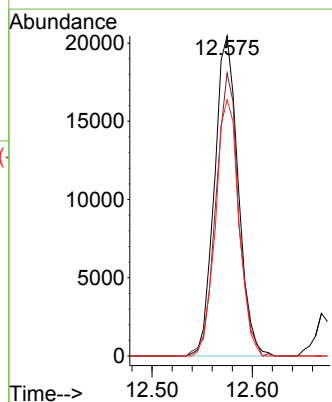
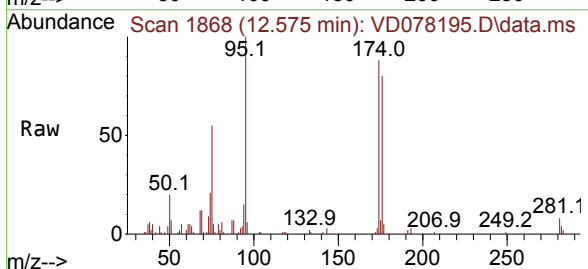
Instrument :
MSVOA_D
ClientSampleId :

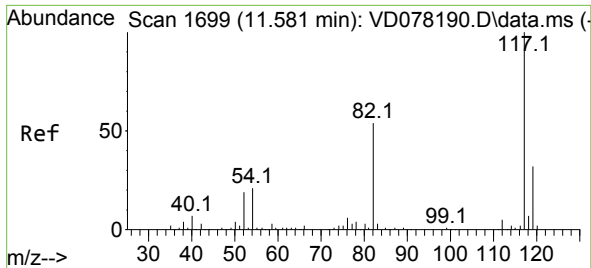
Tgt Ion:107 Resp: 23517
Ion Ratio Lower Upper
107 100
109 95.3 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 18.018 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD078195.D
Acq: 22 Jan 2024 15:46

Tgt Ion: 95 Resp: 33433
Ion Ratio Lower Upper
95 100
174 84.7 0.0 201.8
176 79.1 0.0 191.8

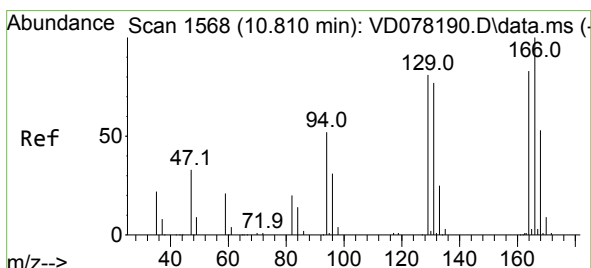
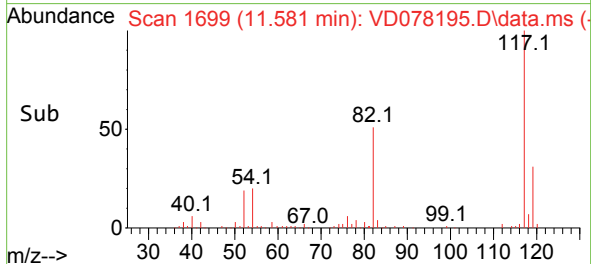
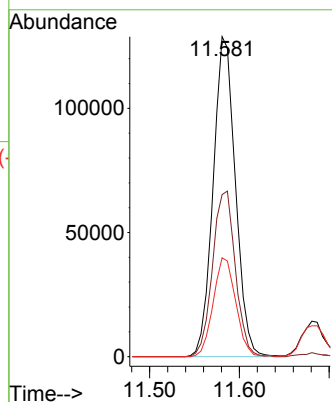
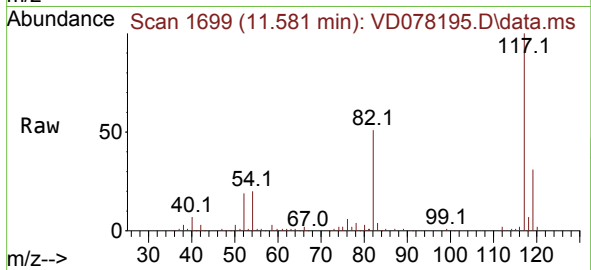




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD078195.D
Acq: 22 Jan 2024 15:46

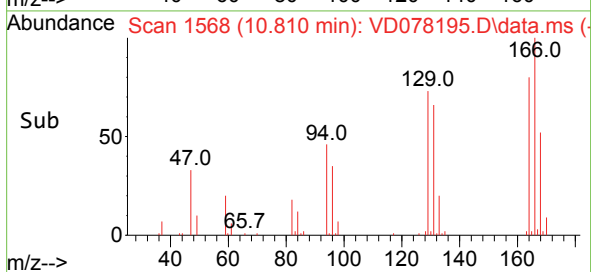
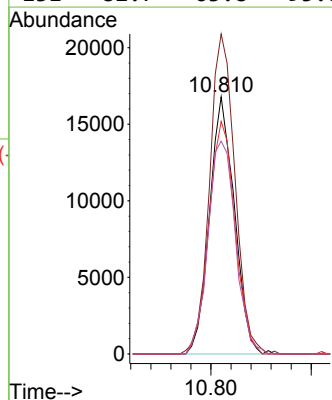
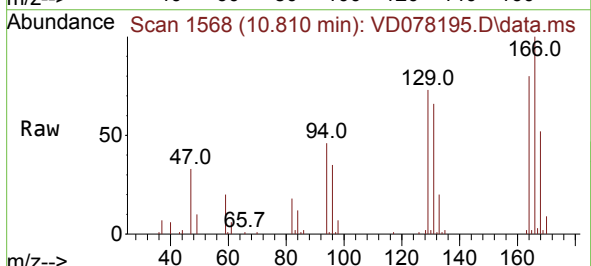
Instrument :
MSVOA_D
ClientSampleId :

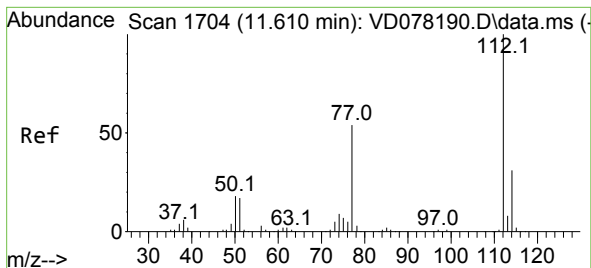
Tgt Ion:117 Resp: 222117
Ion Ratio Lower Upper
117 100
82 50.6 38.3 57.5
119 30.9 25.0 37.4



#64
Tetrachloroethene
Concen: 19.863 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD078195.D
Acq: 22 Jan 2024 15:46

Tgt Ion:164 Resp: 28847
Ion Ratio Lower Upper
164 100
166 124.4 99.2 148.8
129 90.4 68.4 102.6
131 82.7 63.8 95.8





#65

Chlorobenzene

Concen: 19.717 ug/l

RT: 11.610 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD078195.D

Acq: 22 Jan 2024 15:46

Instrument :

MSVOA_D

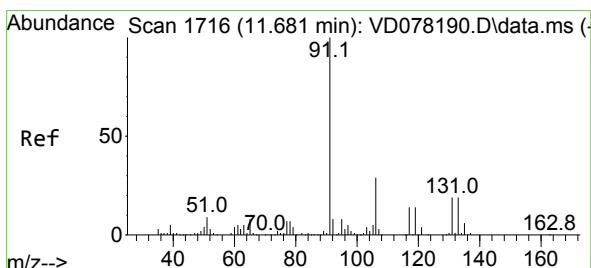
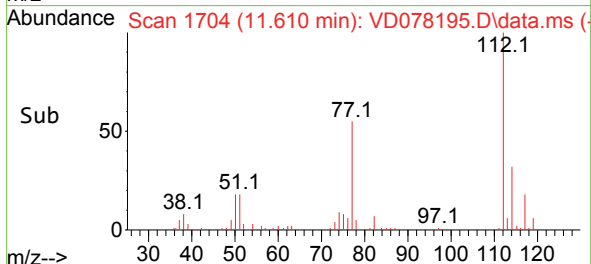
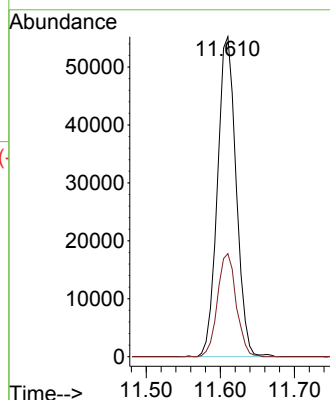
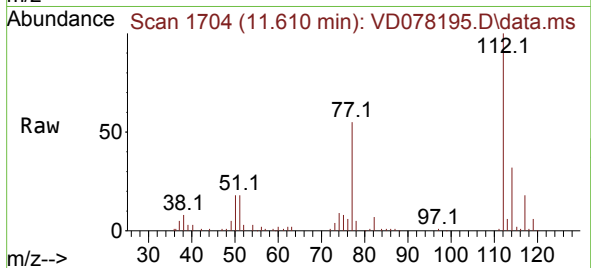
ClientSampleId :

Tgt Ion:112 Resp: 96745

Ion Ratio Lower Upper

112 100

114 32.2 25.1 37.7



#66

1,1,1,2-Tetrachloroethane

Concen: 19.143 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VD078195.D

Acq: 22 Jan 2024 15:46

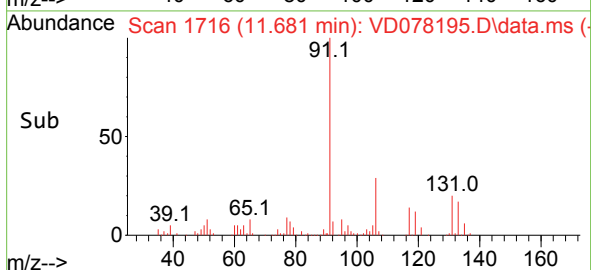
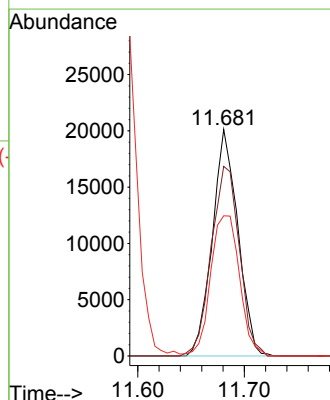
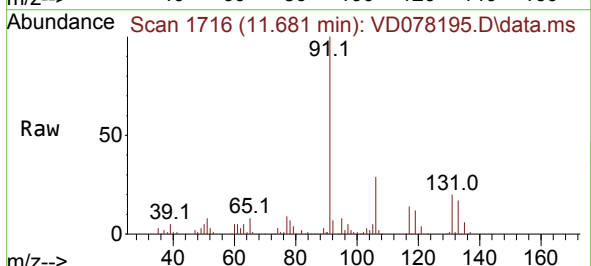
Tgt Ion:131 Resp: 33566

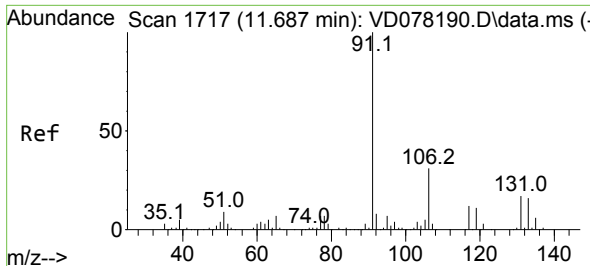
Ion Ratio Lower Upper

131 100

133 91.9 48.5 145.5

119 70.0 35.6 106.9

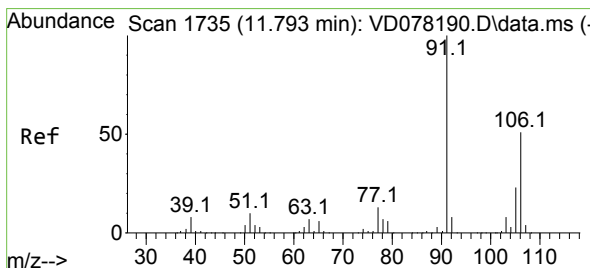
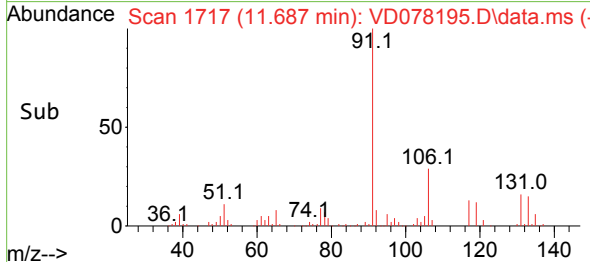
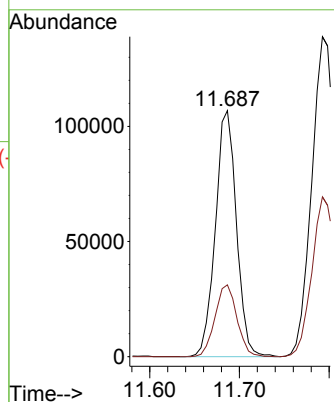
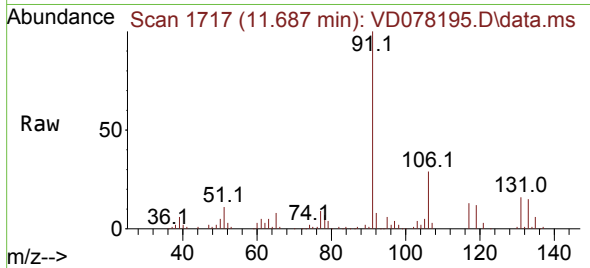




#67
Ethyl Benzene
Concen: 19.469 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD078195.D
Acq: 22 Jan 2024 15:46

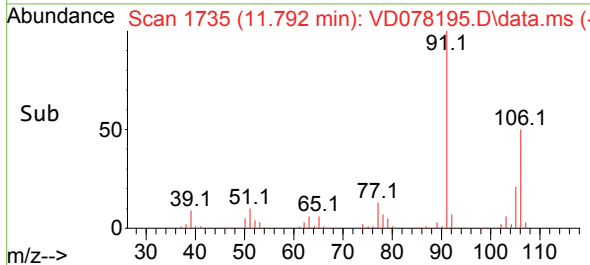
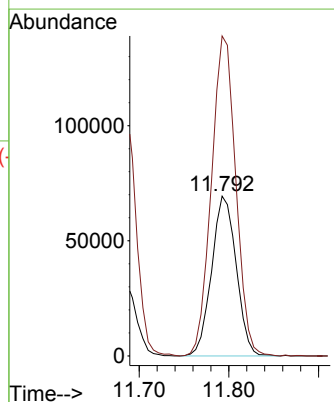
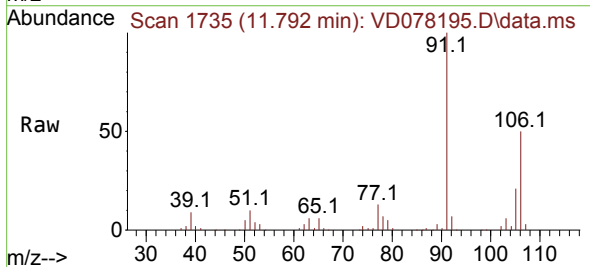
Instrument :
MSVOA_D
ClientSampleId :

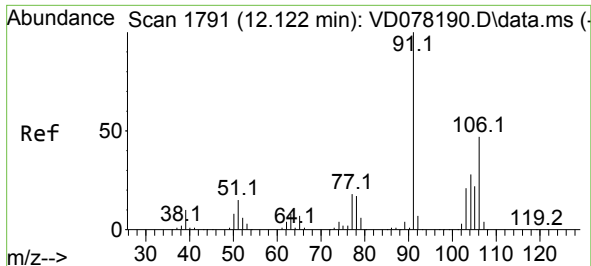
Tgt Ion: 91 Resp: 173840
Ion Ratio Lower Upper
91 100
106 29.2 26.5 39.7



#68
m/p-Xylenes
Concen: 38.750 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD078195.D
Acq: 22 Jan 2024 15:46

Tgt Ion:106 Resp: 132145
Ion Ratio Lower Upper
106 100
91 198.3 147.0 220.6

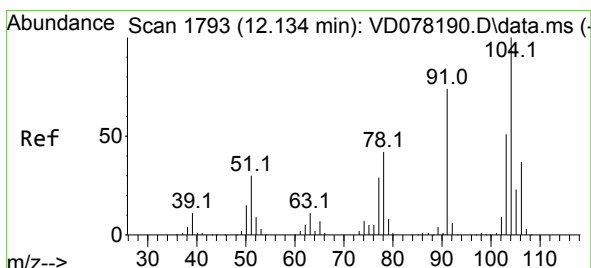
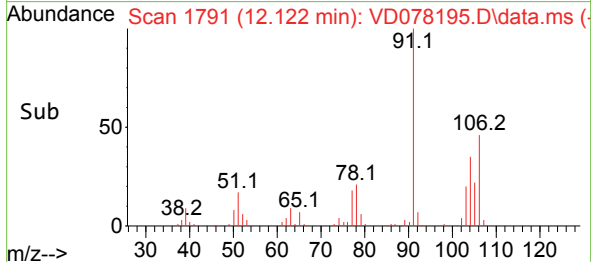
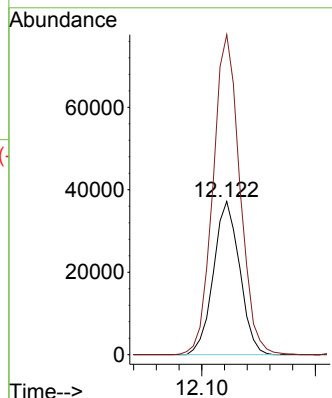
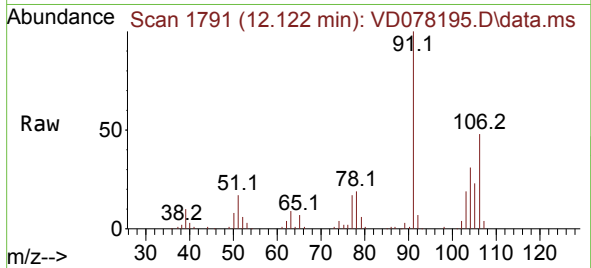




#69
o-Xylene
Concen: 19.254 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD078195.D
Acq: 22 Jan 2024 15:46

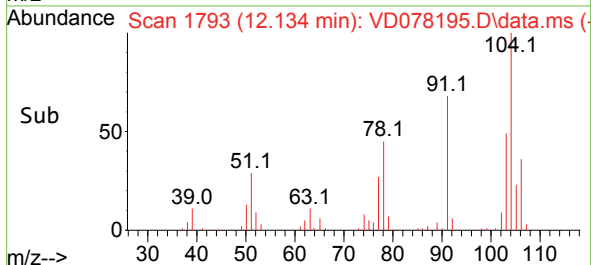
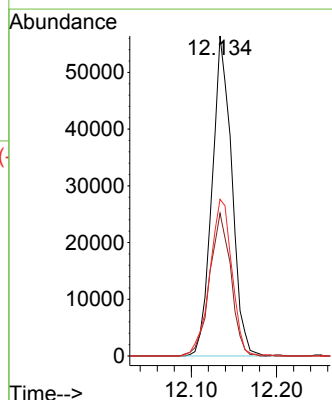
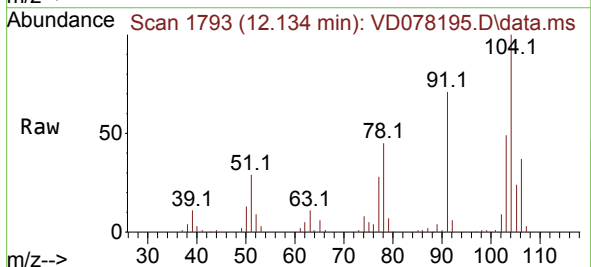
Instrument :
MSVOA_D
ClientSampleId :

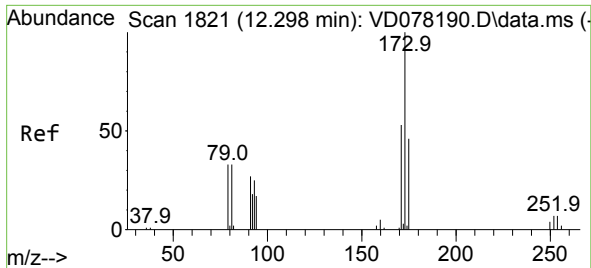
Tgt Ion:106 Resp: 59590
Ion Ratio Lower Upper
106 100
91 213.9 97.9 293.6



#70
Styrene
Concen: 19.596 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD078195.D
Acq: 22 Jan 2024 15:46

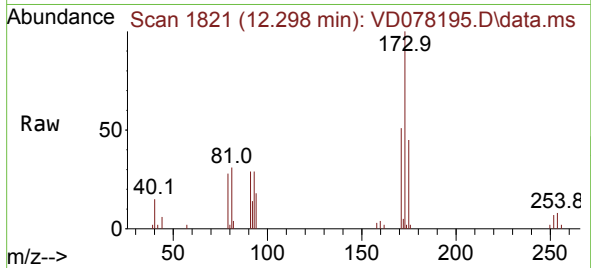
Tgt Ion:104 Resp: 90880
Ion Ratio Lower Upper
104 100
78 47.9 33.2 49.8
103 54.8 43.6 65.4



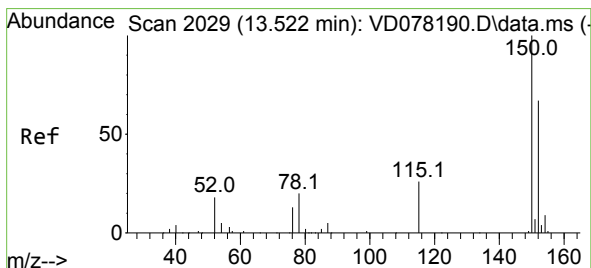
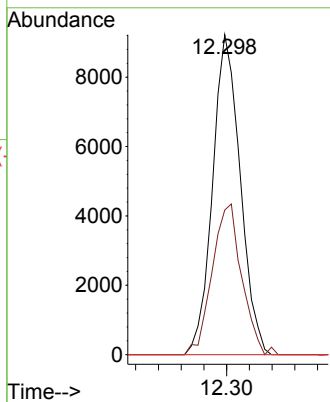
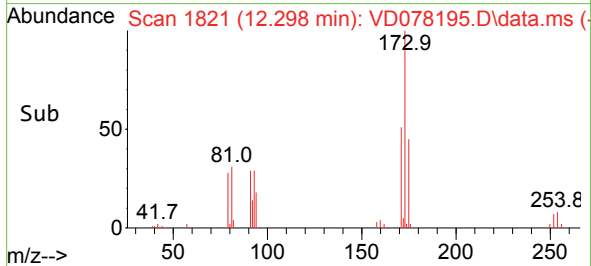


#71
Bromoform
Concen: 17.966 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD078195.D
Acq: 22 Jan 2024 15:46

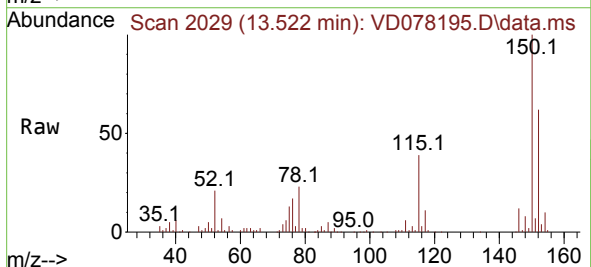
Instrument :
MSVOA_D
ClientSampleId :



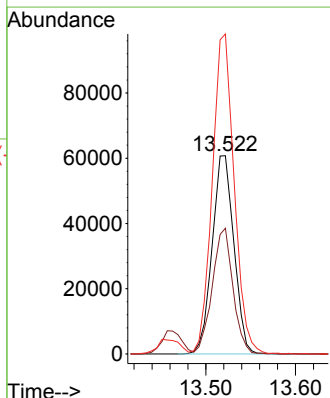
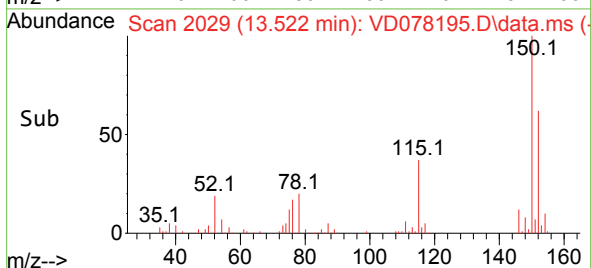
Tgt Ion:173 Resp: 15601
Ion Ratio Lower Upper
173 100
175 50.3 24.6 73.8
254 0.0 0.0 0.0

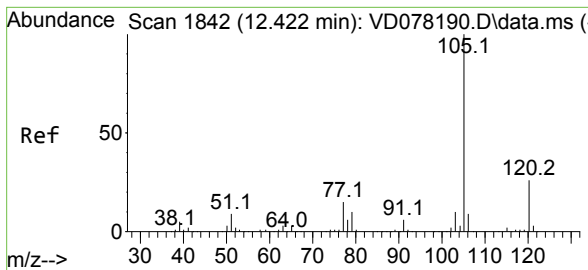


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD078195.D
Acq: 22 Jan 2024 15:46



Tgt Ion:152 Resp: 102384
Ion Ratio Lower Upper
152 100
115 60.3 27.1 81.3
150 162.5 0.0 353.6





#73

Isopropylbenzene

Concen: 19.646 ug/l

RT: 12.422 min Scan# 1842

Delta R.T. -0.000 min

Lab File: VD078195.D

Acq: 22 Jan 2024 15:46

Instrument :

MSVOA_D

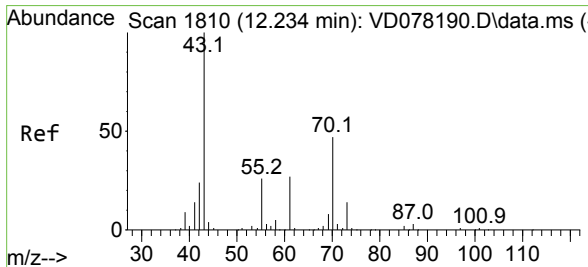
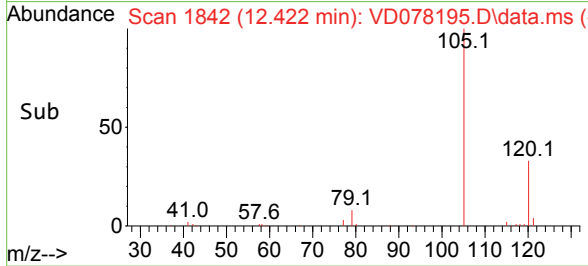
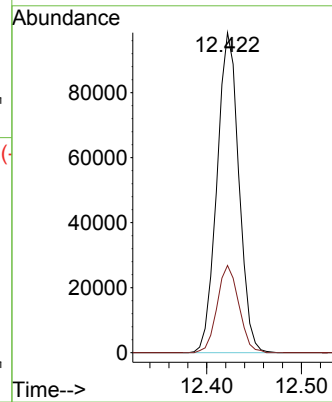
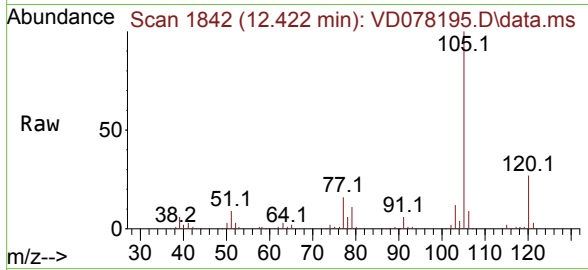
ClientSampleId :

Tgt Ion:105 Resp: 158151

Ion Ratio Lower Upper

105 100

120 26.9 14.3 42.9



#74

N-ethyl acetate

Concen: 18.048 ug/l

RT: 12.234 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VD078195.D

Acq: 22 Jan 2024 15:46

Tgt Ion: 43 Resp: 27797

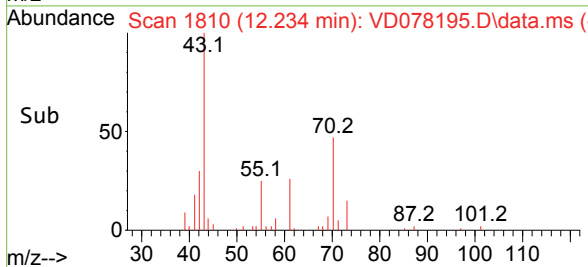
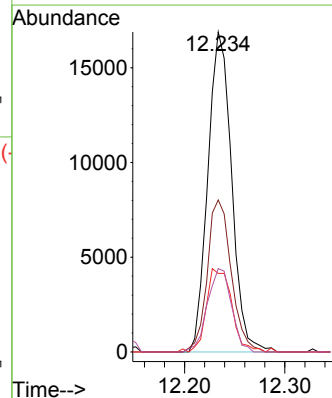
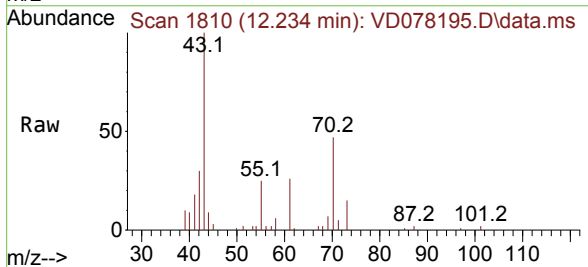
Ion Ratio Lower Upper

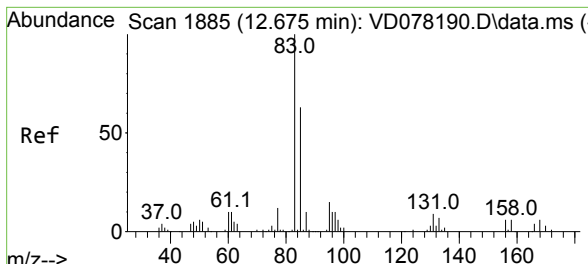
43 100

70 47.9 45.0 67.4

55 27.9 23.8 35.6

61 26.5 22.1 33.1

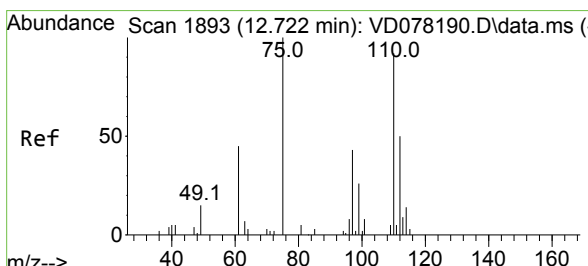
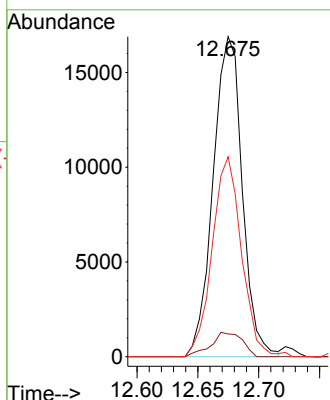
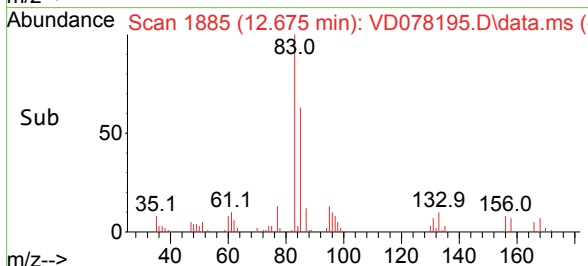
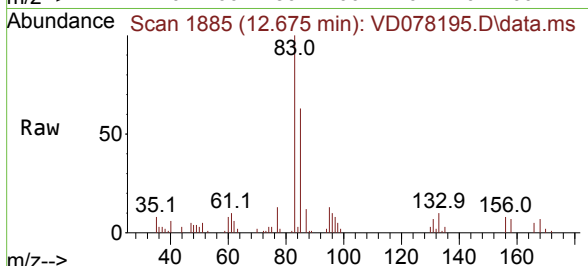




#75
 1,1,2,2-Tetrachloroethane
 Concen: 18.794 ug/l
 RT: 12.675 min Scan# 1885
 Delta R.T. -0.000 min
 Lab File: VD078195.D
 Acq: 22 Jan 2024 15:46

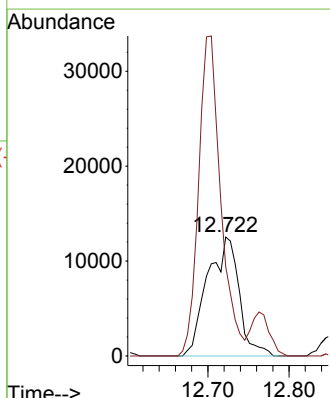
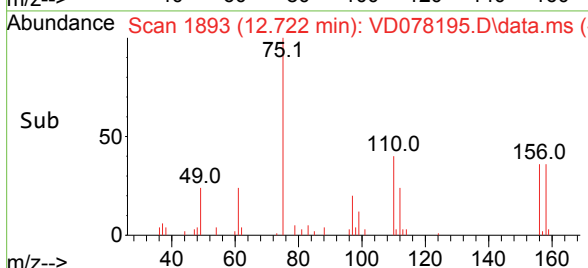
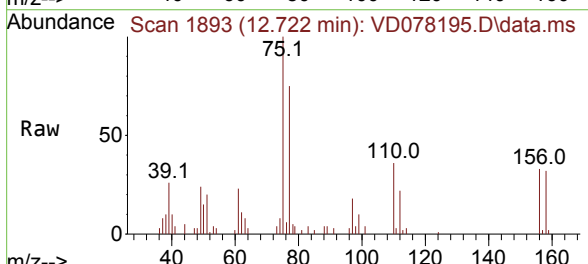
Instrument :
 MSVOA_D
 ClientSampleId :

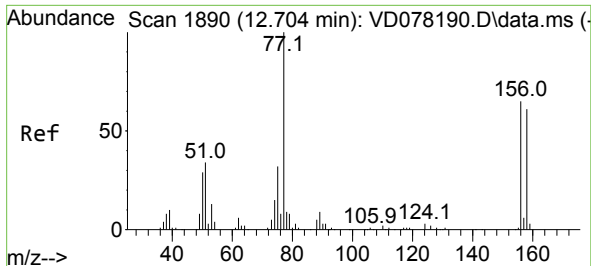
Tgt Ion:	83	Resp:	28152
Ion Ratio	Lower	Upper	
83	100		
131	8.2	5.1	15.3
85	62.7	32.6	97.8



#76
 1,2,3-Trichloropropane
 Concen: 35.844 ug/l
 RT: 12.722 min Scan# 1893
 Delta R.T. -0.000 min
 Lab File: VD078195.D
 Acq: 22 Jan 2024 15:46

Tgt Ion:	75	Resp:	33916
Ion Ratio	Lower	Upper	
75	100		
77	189.0	0.0	0.0#

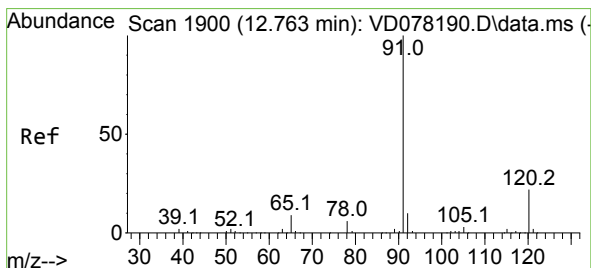
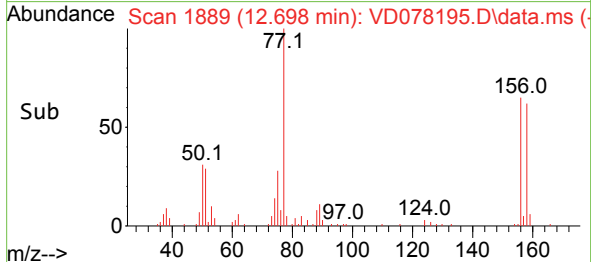
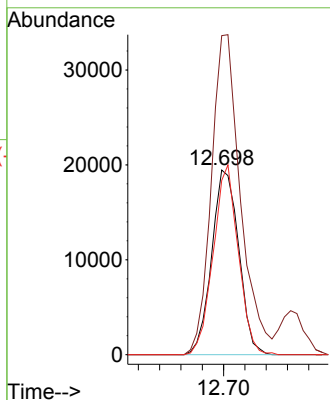
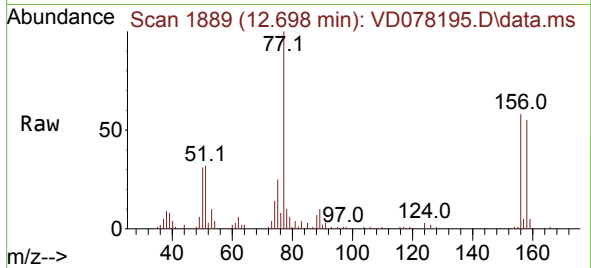




#77
Bromobenzene
Concen: 19.422 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. -0.006 min
Lab File: VD078195.D
Acq: 22 Jan 2024 15:46

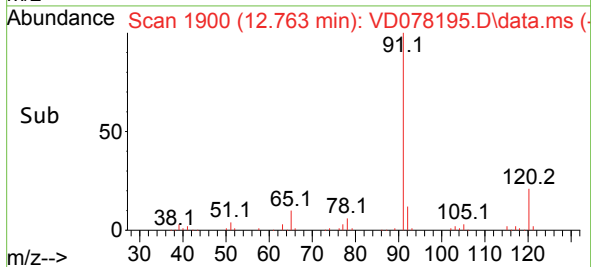
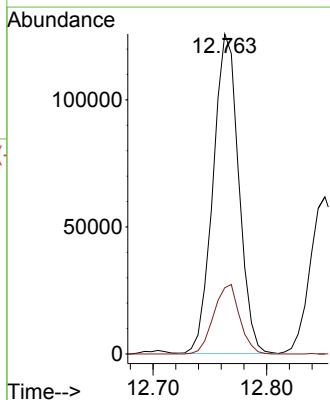
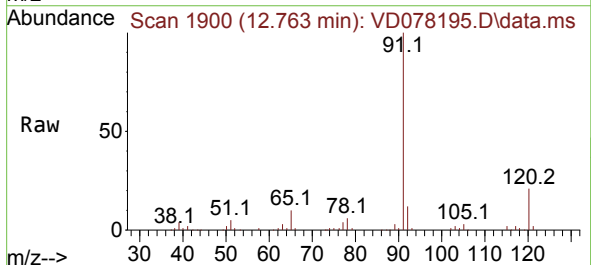
Instrument :
MSVOA_D
ClientSampleId :

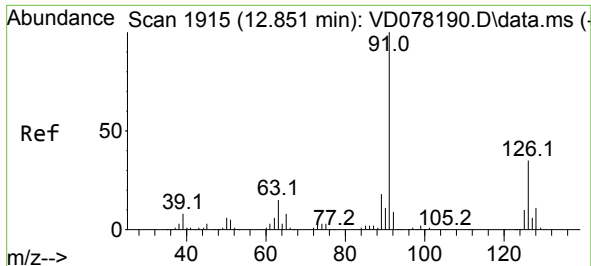
Tgt Ion:156 Resp: 34279
Ion Ratio Lower Upper
156 100
77 187.0 76.8 230.4
158 95.2 48.6 145.9



#78
n-propylbenzene
Concen: 19.761 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VD078195.D
Acq: 22 Jan 2024 15:46

Tgt Ion: 91 Resp: 197300
Ion Ratio Lower Upper
91 100
120 22.0 12.4 37.2

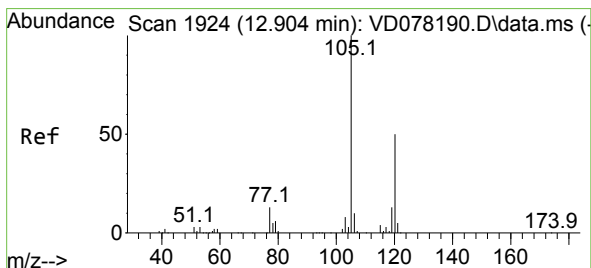
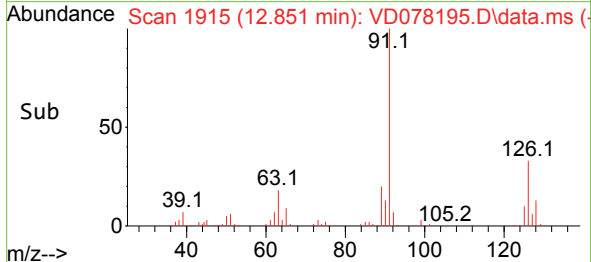
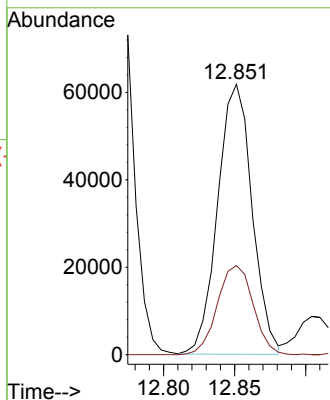
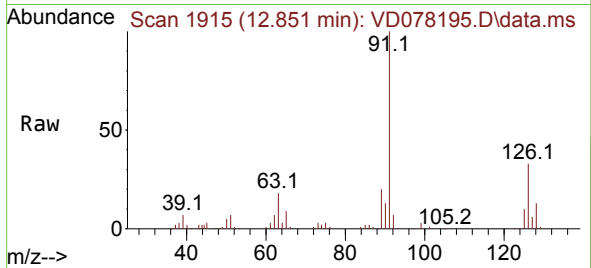




#79
2-Chlorotoluene
Concen: 19.534 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VD078195.D
Acq: 22 Jan 2024 15:46

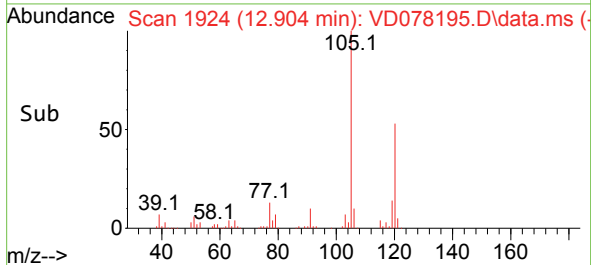
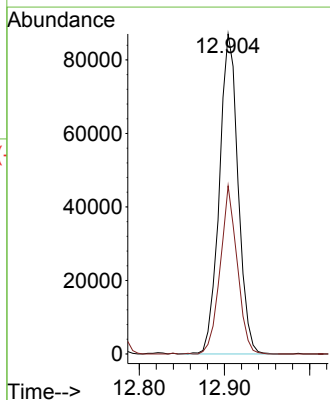
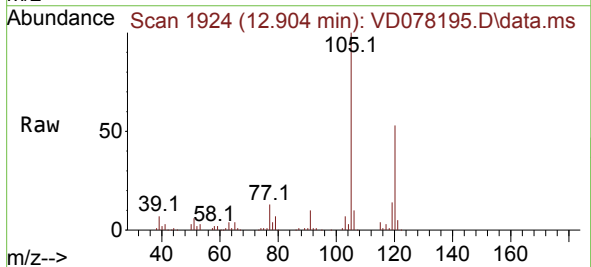
Instrument :
MSVOA_D
ClientSampleId :

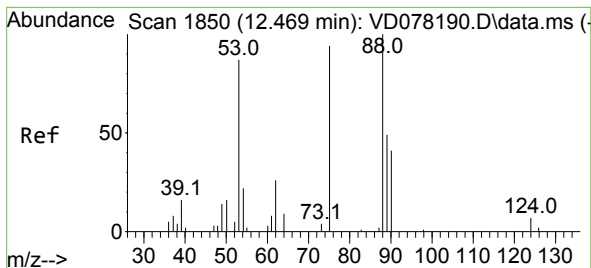
Tgt Ion: 91 Resp: 104079
Ion Ratio Lower Upper
91 100
126 34.3 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 19.964 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD078195.D
Acq: 22 Jan 2024 15:46

Tgt Ion: 105 Resp: 133262
Ion Ratio Lower Upper
105 100
120 47.7 26.4 79.2

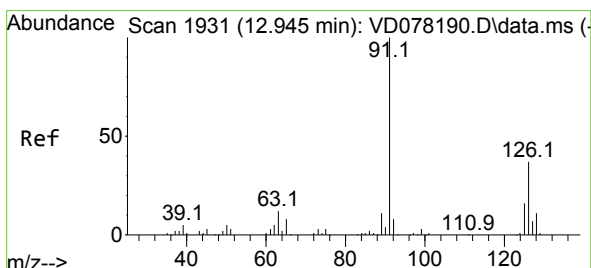
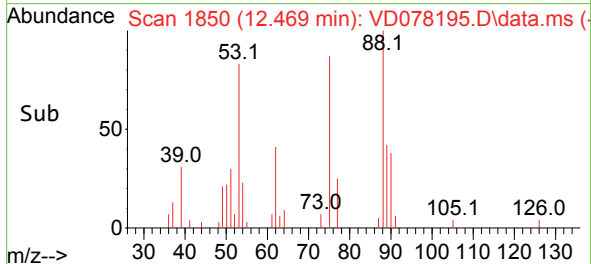
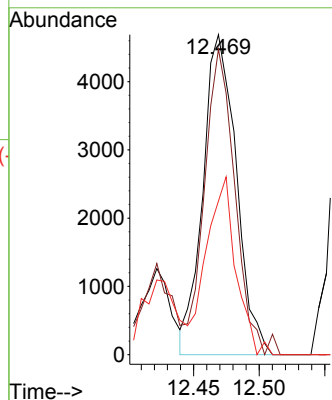
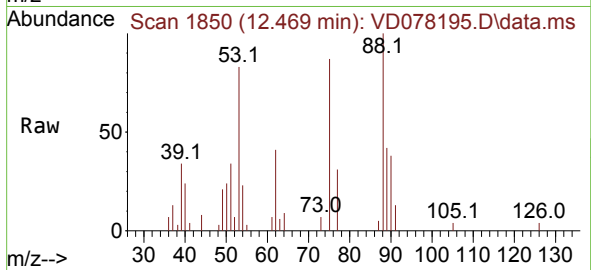




#81
trans-1,4-Dichloro-2-butene
Concen: 18.195 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD078195.D
Acq: 22 Jan 2024 15:46

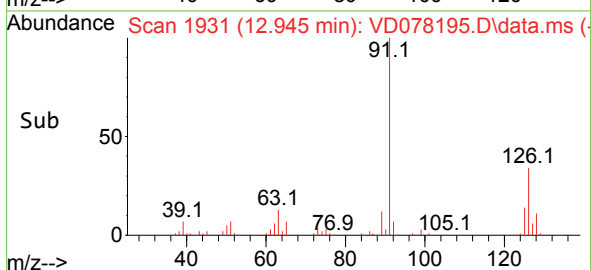
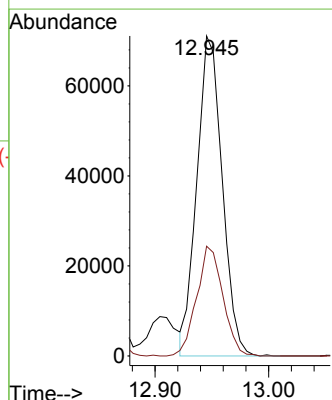
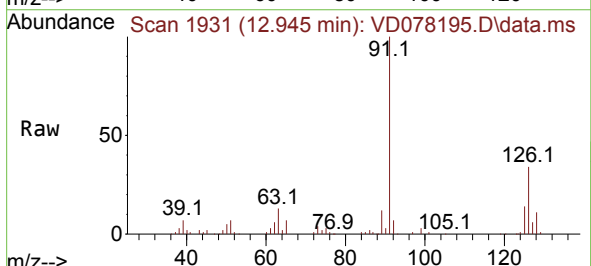
Instrument :
MSVOA_D
ClientSampleId :

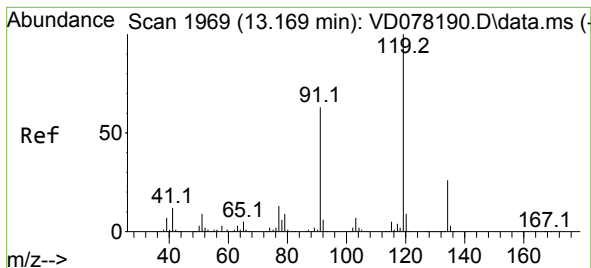
Tgt Ion: 75 Resp: 8295
Ion Ratio Lower Upper
75 100
53 88.0 63.0 94.4
89 49.0 37.9 56.9



#82
4-Chlorotoluene
Concen: 19.640 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.000 min
Lab File: VD078195.D
Acq: 22 Jan 2024 15:46

Tgt Ion: 91 Resp: 110308
Ion Ratio Lower Upper
91 100
126 35.5 19.4 58.4

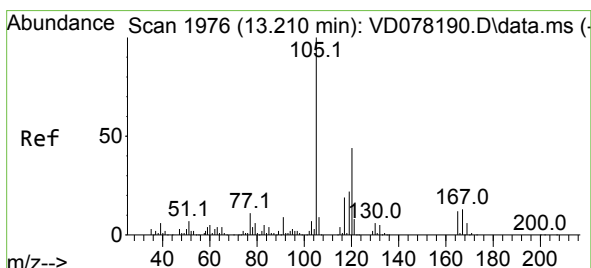
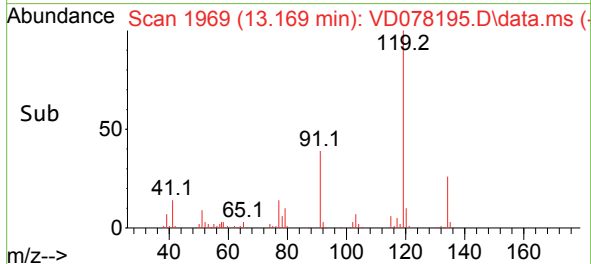
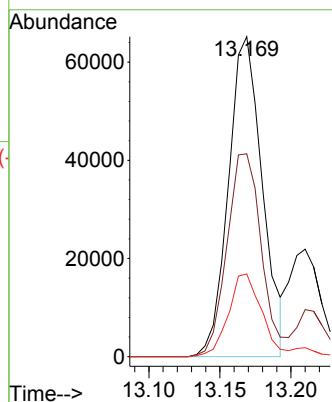
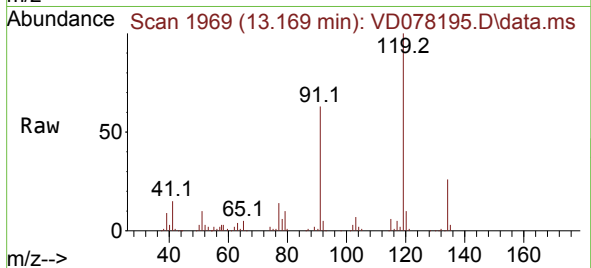




#83
tert-Butylbenzene
Concen: 19.404 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD078195.D
Acq: 22 Jan 2024 15:46

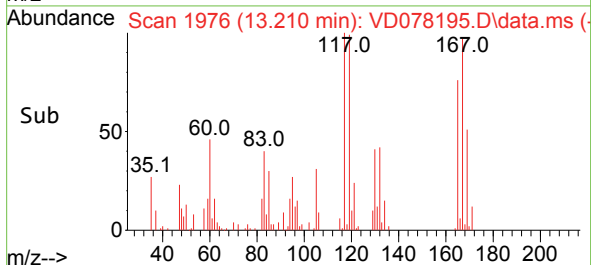
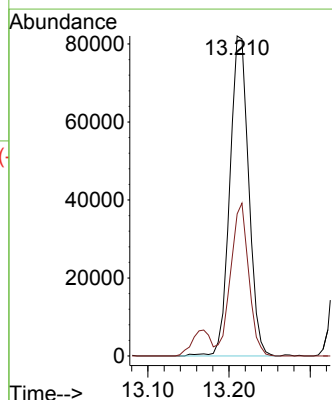
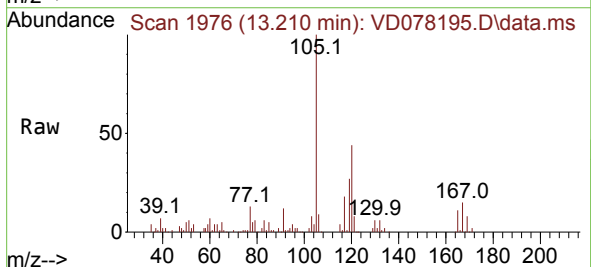
Instrument :
MSVOA_D
ClientSampleId :

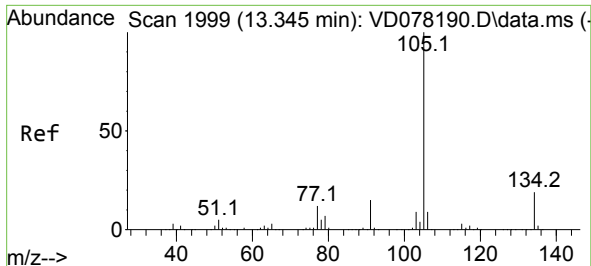
Tgt Ion:119 Resp: 108276
Ion Ratio Lower Upper
119 100
91 65.0 29.3 87.8
134 25.3 14.1 42.3



#84
1,2,4-Trimethylbenzene
Concen: 19.565 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VD078195.D
Acq: 22 Jan 2024 15:46

Tgt Ion:105 Resp: 132081
Ion Ratio Lower Upper
105 100
120 46.0 24.3 72.9

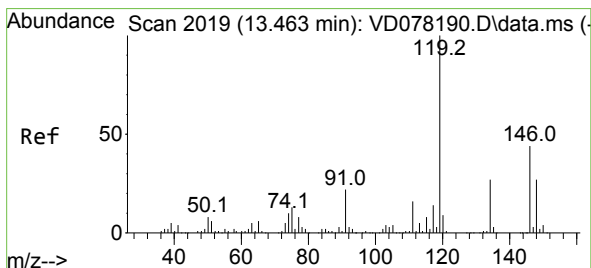
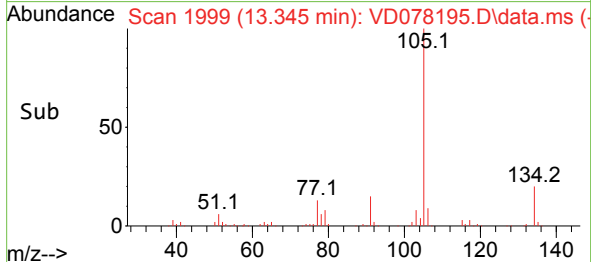
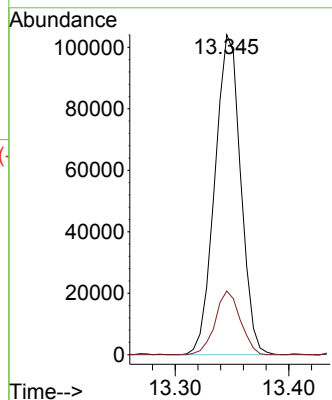
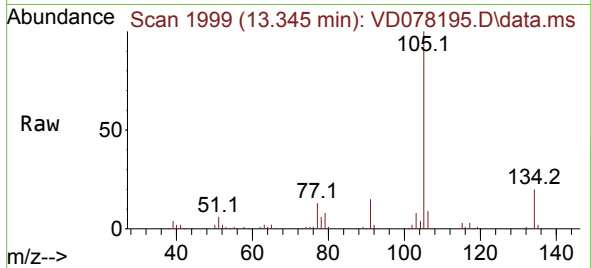




#85
 sec-Butylbenzene
 Concen: 19.512 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VD078195.D
 Acq: 22 Jan 2024 15:46

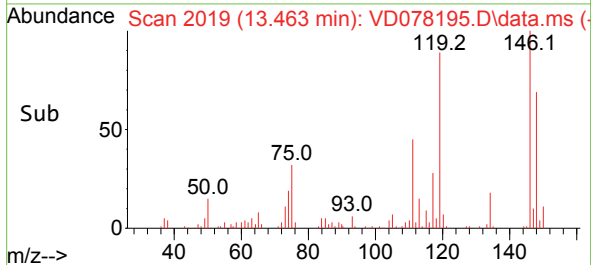
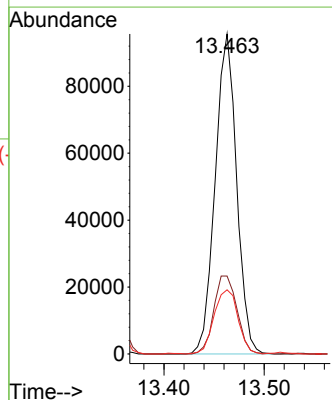
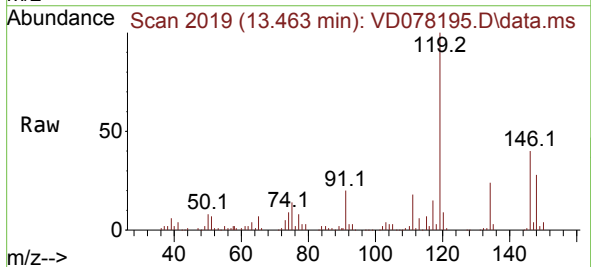
Instrument :
 MSVOA_D
 ClientSampleId :

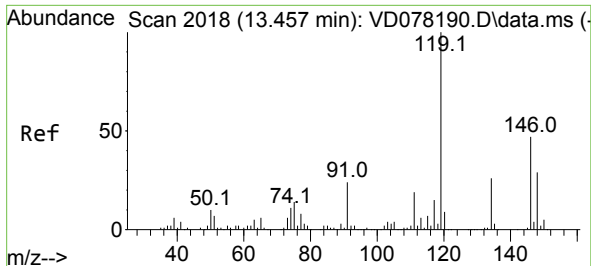
Tgt Ion:105 Resp: 164860
 Ion Ratio Lower Upper
 105 100
 134 19.3 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 19.294 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VD078195.D
 Acq: 22 Jan 2024 15:46

Tgt Ion:119 Resp: 141860
 Ion Ratio Lower Upper
 119 100
 134 26.4 14.2 42.6
 91 22.5 10.5 31.5

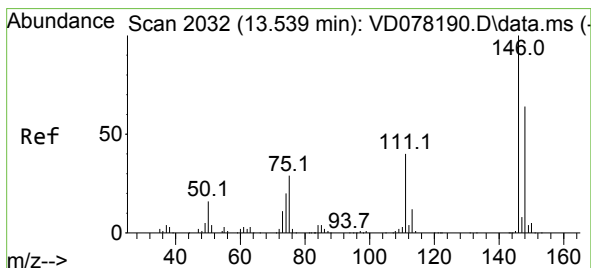
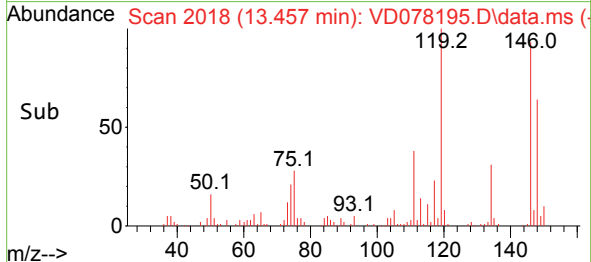
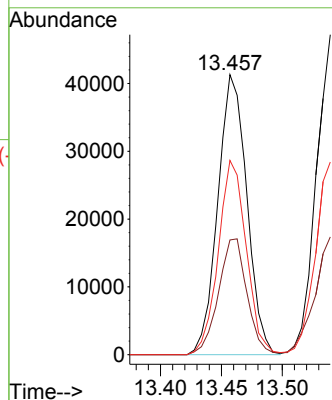
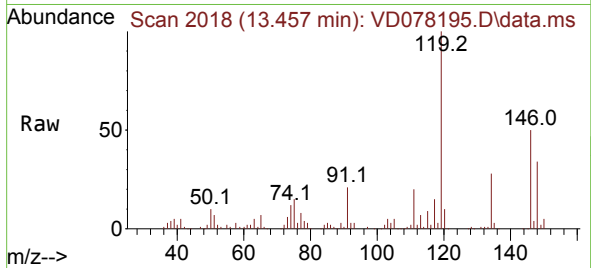




#87
1,3-Dichlorobenzene
Concen: 18.757 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VD078195.D
Acq: 22 Jan 2024 15:46

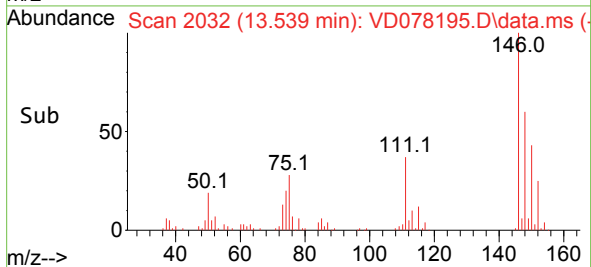
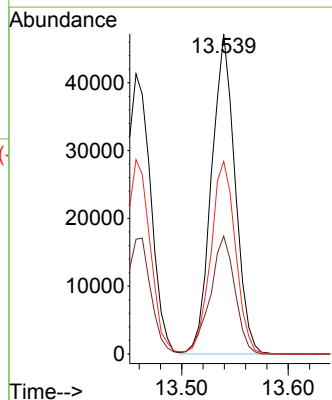
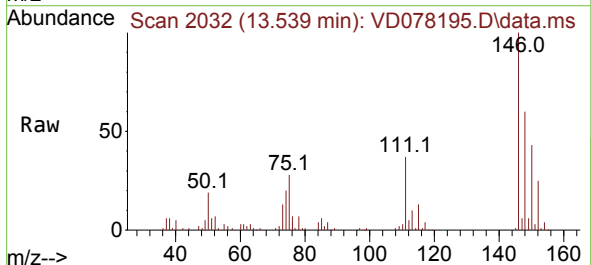
Instrument :
MSVOA_D
ClientSampleId :

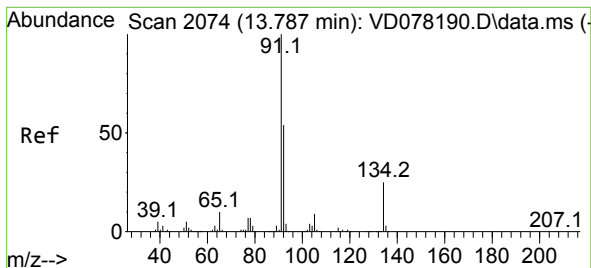
Tgt Ion:146 Resp: 68545
Ion Ratio Lower Upper
146 100
111 40.8 17.9 53.8
148 66.9 32.3 96.8



#88
1,4-Dichlorobenzene
Concen: 20.081 ug/l
RT: 13.539 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD078195.D
Acq: 22 Jan 2024 15:46

Tgt Ion:146 Resp: 72498
Ion Ratio Lower Upper
146 100
111 38.5 17.4 52.3
148 63.1 31.7 95.1





#89

n-Butylbenzene

Concen: 19.313 ug/l

RT: 13.786 min Scan# 2074

Delta R.T. -0.000 min

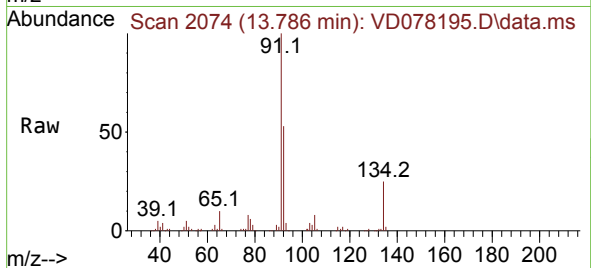
Lab File: VD078195.D

Acq: 22 Jan 2024 15:46

Instrument :

MSVOA_D

ClientSampleId :



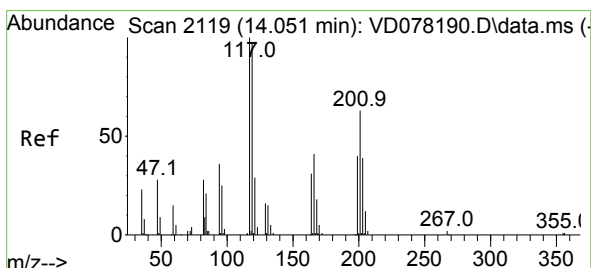
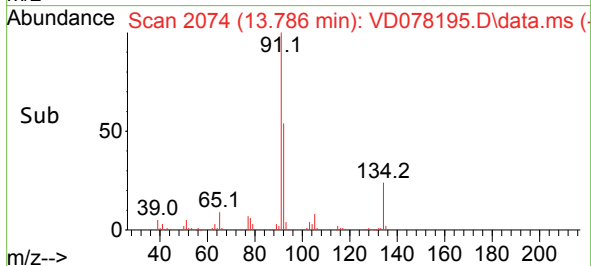
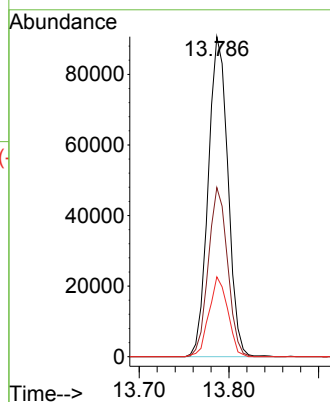
Tgt Ion: 91 Resp: 138236

Ion Ratio Lower Upper

91 100

92 51.7 26.5 79.5

134 23.9 13.8 41.3



#90

Hexachloroethane

Concen: 19.568 ug/l

RT: 14.057 min Scan# 2120

Delta R.T. 0.006 min

Lab File: VD078195.D

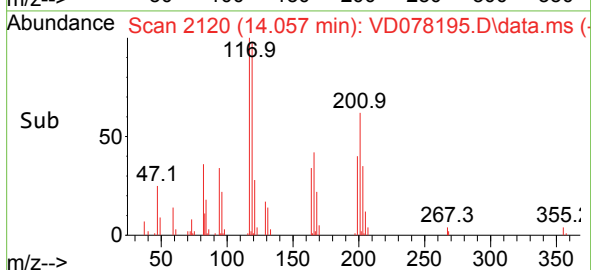
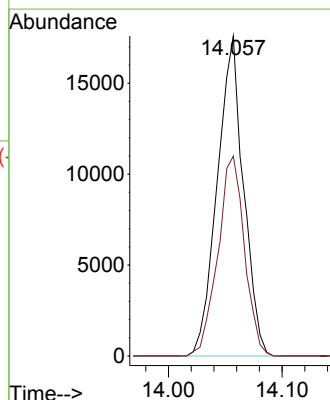
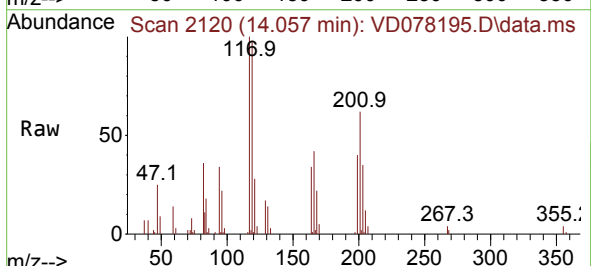
Acq: 22 Jan 2024 15:46

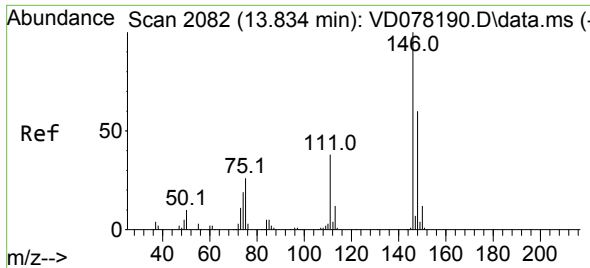
Tgt Ion: 117 Resp: 28223

Ion Ratio Lower Upper

117 100

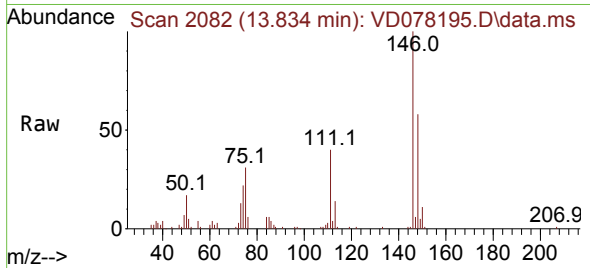
201 63.3 38.5 115.5



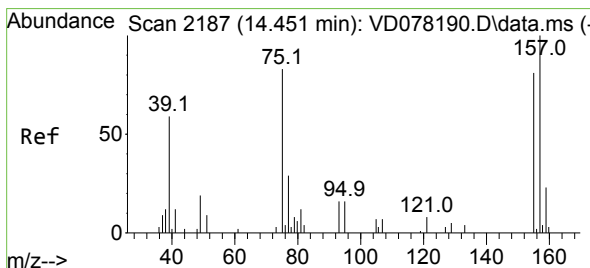
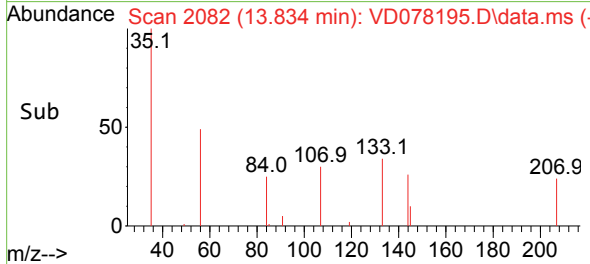
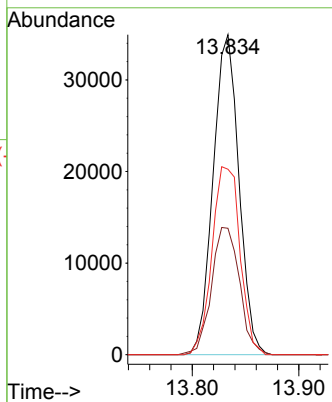


#91
1,2-Dichlorobenzene
Concen: 19.116 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VD078195.D
Acq: 22 Jan 2024 15:46

Instrument :
MSVOA_D
ClientSampleId :

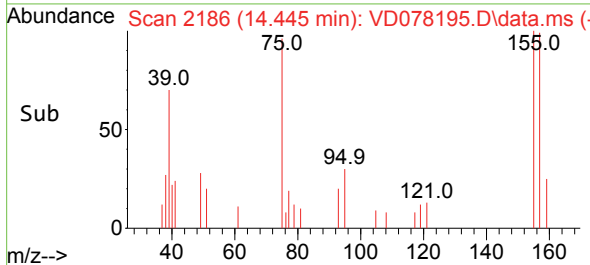
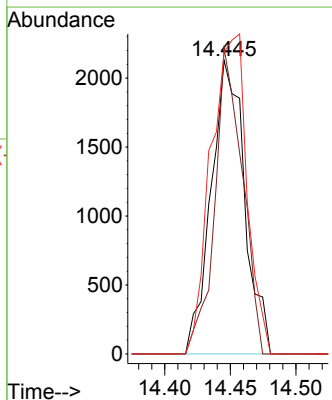
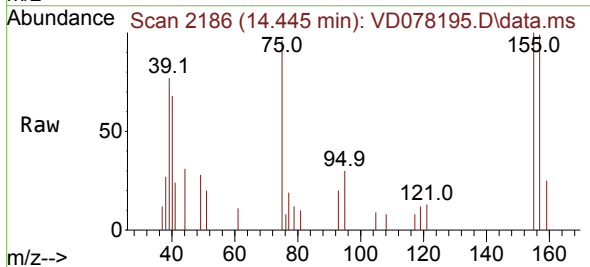


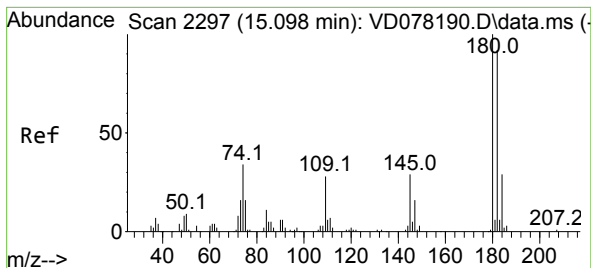
Tgt Ion:146 Resp: 58741
Ion Ratio Lower Upper
146 100
111 43.3 18.3 54.8
148 63.8 31.6 94.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 17.672 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. -0.006 min
Lab File: VD078195.D
Acq: 22 Jan 2024 15:46

Tgt Ion: 75 Resp: 3783
Ion Ratio Lower Upper
75 100
155 86.1 47.9 143.8
157 117.1 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 19.154 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. -0.000 min

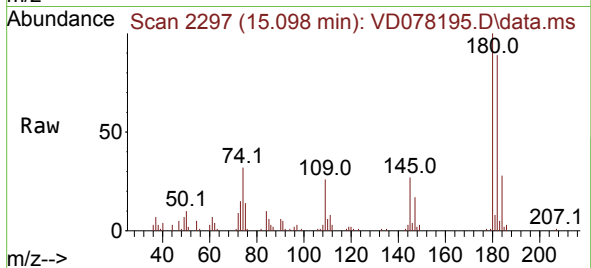
Lab File: VD078195.D

Acq: 22 Jan 2024 15:46

Instrument :

MSVOA_D

ClientSampleId :



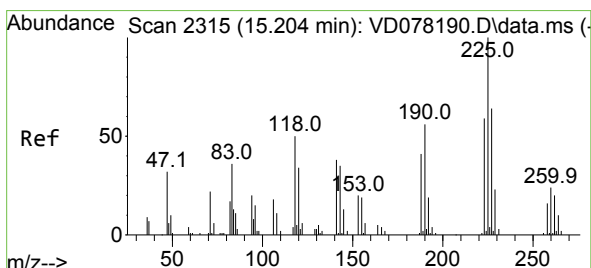
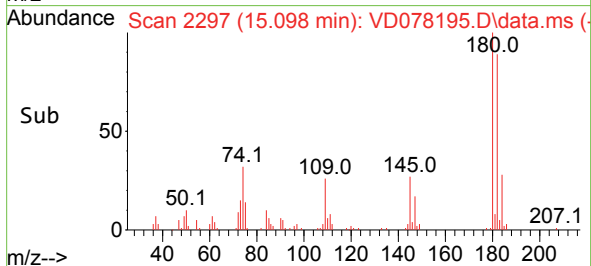
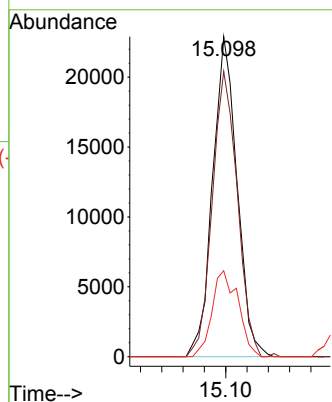
Tgt Ion:180 Resp: 36382

Ion Ratio Lower Upper

180 100

182 91.1 48.5 145.6

145 28.7 14.2 42.6



#94

Hexachlorobutadiene

Concen: 20.058 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. -0.000 min

Lab File: VD078195.D

Acq: 22 Jan 2024 15:46

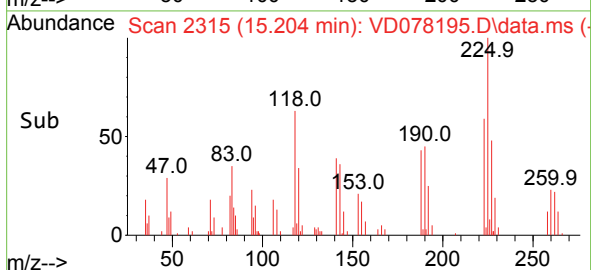
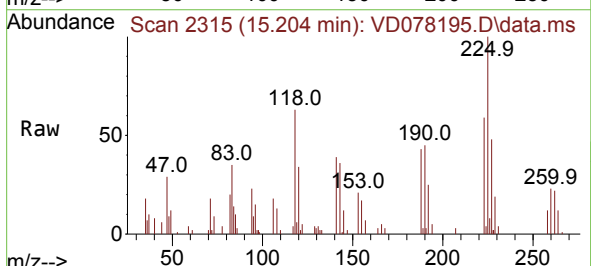
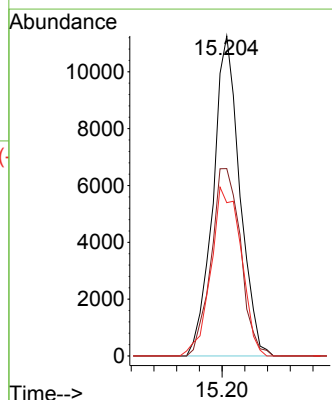
Tgt Ion:225 Resp: 18411

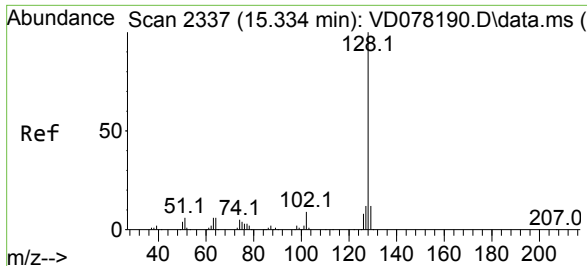
Ion Ratio Lower Upper

225 100

223 64.4 31.6 94.8

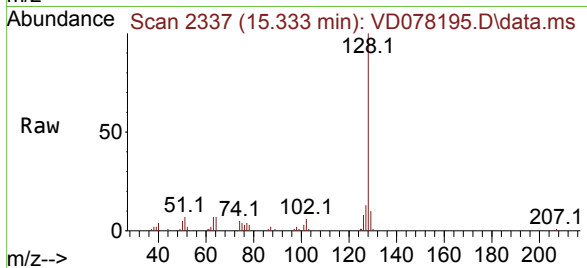
227 59.2 31.7 95.1



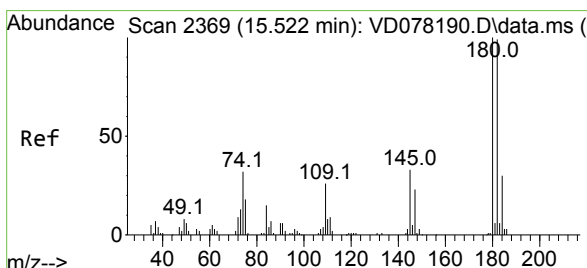
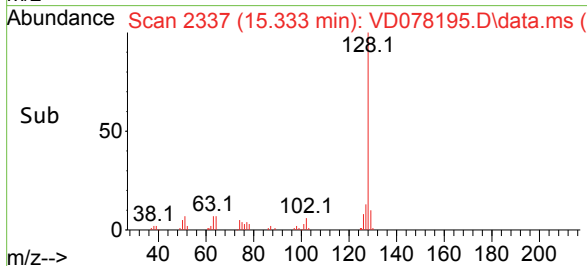
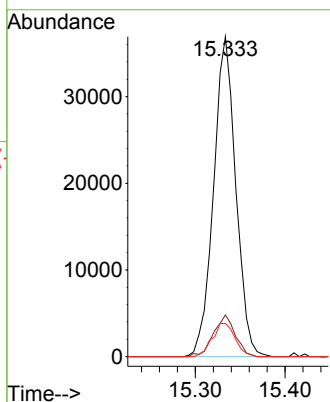


#95
Naphthalene
Concen: 17.878 ug/l
RT: 15.333 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD078195.D
Acq: 22 Jan 2024 15:46

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.5	15.7
129	10.4	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 18.553 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD078195.D
Acq: 22 Jan 2024 15:46

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.4	47.3	141.9
145	32.1	15.1	45.3

